

Worksheet
1

Unit 1

Total

20

Mark

Lesson 1

1 a) Write the following numbers in digits : (3 marks)

- 1) Seventy thousand , five hundred and ninety-three
- 2) One hundred sixty thousands seven hundred and forty
- 3) Six hundred twenty-five thousand , eight hundred and forty-nine

b) Read the following numbers and write it in letters (word form) :

- 1) 712 365
- 2) 406 203
- 3) 600 819

2 Complete each of the following: (4 marks)

- a) $35\ 608 = 30\ 000 + \dots + \dots + \dots$
- b) $672\ 384 = \dots + 70\ 000 + \dots + 300 + \dots + \dots$
- c) $\dots = 100\ 000 + 20\ 000 + 500 + 8$
- d) $\dots = 40\ 000 + 400 + 4$

3 a) Complete each of the following: (3 marks)

- 1) The greatest number formed from 6-different digits is
- 2) The number which lies between 586 164 and 586 166 is
- 3) The place value of the digit 0 in the number 503 482 is

b) Choose the correct answer:

- 1) The value of the digit 8 in the number 832 562 is
(8 000 or 80 000 or 800 000 or 800)
- 2) The closest number to the number 100 000 is
(100 100 or 100 101 or 100 009 or 99 900)
- 3) The place value of the digit 6 in the number 56 248 is
(hundreds or thousands or ten thousands or ten)

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4 a) Complete in the same pattern:

(6 marks)

1) 552 641 , 552 751 , 552 861 ,

2) 200 006 , 200 209 , 200 412 ,

b) Arrange the following numbers in an ascending order:

325 819 , 523 918 , 235 189 , 532 981 , 552 198

c) Re-arrange the cards to form smallest and greatest number:

The smallest number is:

The greatest number is:

9 8 2 0 1 6

5 Put the suitable sign ($<$, $>$ or $=$):

(4 marks)

a) 672 382 672 480b) 560 286 556 286c) 24 thousands 24 000d) 396 482 482 thousands and 396تابع جديد ذاكرولي على موقعنا
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Unit 1

Total

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Lesson 2

1 Choose the correct answer:

(5 marks)

a) Five million , five thousand and five is written in digits as

(5 500 005 or 5 005 500 or 5 005 005)

b) The place value of the digit 9 in the number 9 658 243 is

(millions or thousands or hundreds or hundred thousands)

c) The closest number to the number ten million is

(9 990 000 or 9 990 099 or 9 999 990 or 10 000 100)

d) $800\,000\,000 + 70\,000\,000 + 6\,000\,000 + 200 =$

(876 000 002 or 876 000 200 or 807 060 200)

e) $6\,000\,000 =$ thousand (6 or 60 or 600 or 6 000)

2 Complete each of the following:

(3 marks)

- a) Hundred million is the smallest number formed from digits
- b) 168 730 050 = millions + thousands +
- c) The digit that represents the million in 135 678 009 is
- d) The number just after 9 999 999 is
- e) 740 millions = thousands = hundreds =

3 Put the suitable sign (< , > or =):

(4 marks)

- a) 4 155 536 4 155 635
- b) 77 272 727 72 727 272
- c) 30 millions 30 000 thousands
- d) 440 044 404 400 000 000 + 44 404
- e) 10 000 thousands the smallest number formed from 8 digits

4 a) Write the value of the circled digit in the following:

(4 marks)

1) 7 **3** 421 685 →2) 4 6 **9** 1 508 →**b) Re-arrange the cards to form the greatest and the smallest number:**

5	3	4	0	6	9	3
---	---	---	---	---	---	---

The greatest number is

The smallest number is

5 a) Write the place value of the digit 5 in the following:

(4 marks)

1) 853 621 007 →

2) 543 210 000 →

b) Write the following sums in digits:1) $\frac{1}{4}$ million pound = 2) $\frac{1}{2}$ million pound =3) $\frac{3}{4}$ million pound = 4) $3\frac{3}{4}$ million pound =

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Unit 1

Total

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Mark

Lesson 3

1 Complete each of the following:

(5 marks)

- a) is the smallest number formed from 10 digits
- b) The value of the digit 7 in the number 971 428 638 is
- c) 5 milliards + 3 thousands + 4 hundreds + 6 units =
- d) 4 879 632 107 = milliard + million + thousands +
- e) The greatest 10-digit number formed from the digits from 0 to 9 is

2 Choose the correct answer:

(5 marks)

- a) The closest number to the number one-milliard is
(999 999 000 or 999 999 009 or 1 000 000 001 or 1 000 000 100)
- b) The value of the digit 5 in the number 25 678 943 632 is
(500 000 000 or 5 000 000 000 or 50 000 000 000 or 5 000 000)
- c) 7 milliard , 300 million , 422 thousand and 101 =
(7 300 422 101 or 7 422 300 101 or 7 101 422 300 or 723 422 300)
- d) $3\frac{3}{4}$ milliard pounds =
(375 000 000 or 3 750 000 000 or 3 750 000 or 3 000 750 000)
- e) The greatest 10-digit number is
(9 999 999 999 or ten milliard or 999 999 999 or 9 876 543 210)

3 a) Write the number 32 450 617 890 in letters :

(3 marks)

- b) Write the value of the digit 7 in the number : 70 256 485 930

- c) Write the place value and the value of the digit 0 in the number 301 811 462 555 :

4 a) Put the suitable sign (<), (>) or (=):

(3 marks)

- 1) 513 214 thousands 5 132 140 000
- 2) 5000 millions five milliards

b) Rearrange the cards to form greatest and smallest number:

8 9 0 6 7 5 2 4 3 2 1

The greatest number =

The smallest number =

5 a) Arrange the following numbers :

(4 marks)

1) In an ascending order : 5 213 988 123 , 5 213 567 422

, 5 213 698 552 , 5 213 235 558 , 5 213 638 542

2) In a descending order : 4 422 753 357 , 4 422 856 426

, 4 422 854 456 , 4 422 159 951 , 4 422 400 258

b) Complete in the same pattern :

1) 5 003 215 413 , 5 003 215 513 , 5 003 215 613 ,

2) 1 444 444 444 , 2 444 344 544 , 3 444 244 644 ,

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Unit 1

Total

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Mark

Lesson 4A

1 Find the result of each of the following:

(3 marks)

a)

$$\begin{array}{r} 8752013 \\ + 439815 \\ \hline \end{array}$$

b)

$$\begin{array}{r} 7189154 \\ + 6253727 \\ \hline \end{array}$$

c)

$$\begin{array}{r} 9582475 \\ + 1264288 \\ \hline \end{array}$$

d)

$$\begin{array}{r} 9242341 \\ + 1268289 \\ \hline \end{array}$$

e)

$$\begin{array}{r} 7489436 \\ - 2294355 \\ \hline \end{array}$$

f)

$$\begin{array}{r} 9583492 \\ - 4234345 \\ \hline \end{array}$$

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2 Complete each of the following:

(5 marks)

- a) 6 milliards + 6 millions + 60 thousands =
- b) 99 thousands + 40 millions + 444 milliards =
- c) The place value of the digit 3 in the number 3 256 812 159 is
- d) The value of the digit 5 in the number 958 214 100 is
- e) $981\,252 - \dots = 235\,915 \rightarrow 981\,252 - 235\,915 = \dots$
- f) $\dots - 258\,461 = 523\,987 \rightarrow 523\,987 + 258\,461 = \dots$
- g) $952\,274 = 56\,781 + \dots \rightarrow 952\,274 - 56\,781 = \dots$

3 Choose the correct answer:

(2 marks)

- a) 42 million - 20 hundred thousands =
(40 millions or 40 hundred thousands or 40 ten thousands)
- b) $555\,555 - 55\,555 = \dots$ (500 000 or 50 000 or 5 000)
- c) The number which if you subtract it from 7 239 541 the result will be 5 983 343 is (2 millions or 13 millions or 1 256 198)
- d) The value of the digit 3 in the number 43 846 256 is
(3 hundred thousands or 3 thousands or 3 millions)

4 a) Find the number that if 270 408 is subtracted

(6 marks)

from it, the difference will be 218 200

The number = =

- b) Circle the number closest to the correct answer (without performing the operation):

1) $5\,260\,180 + 7\,985\,954 \rightarrow \dots$

(900 million or milliard or 13 million)

2) $8\,400\,100 + 2\,600\,050 \rightarrow \dots$

(11 million or 7 milliard or 6 milliard)

3) $6\,005\,218 + 3\,095\,235 \rightarrow \dots$

(9 million or $8\frac{1}{2}$ million or million)

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- c) A factory produces 2 774 856 toys in a month and in the second month the factory produces 3 784 164 toys.

Find the difference between the production in the two months ?

The difference = - = toys

5 Put the suitable sign ($<$, $>$ or $=$):

(4 marks)

- a) 4 155 536 4 155 635
 b) 692 831 + 745 123 892 425
 c) 74 593 - 32 891 41 702
 d) 678 345 578 344 + 100 000
 e) 7 423 856 - 5 018 738 2 405 119

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Unit 1

Total

Mark

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Lesson 4B

1 Find the product of each of the following:

(4 marks)

a)
$$\begin{array}{r} 7\ 3\ 5\ 4 \\ \times \quad 4 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 3\ 6\ 0\ 5\ 4\ 2\ 1 \\ \times \quad 6 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 2\ 6\ 7 \\ \times \quad 1\ 8 \\ \hline \end{array}$$

- d) $3\ 478 \times 9 =$ e) $43 \times 24 =$

2 Choose the correct answer:

(4 marks)

- a) 3 milliards = (3 000 or 30 001 000 or 3 000 000 000)
 b) $500 \times 500 =$ (2 500 or 25 000 or 250 000)
 c) $145 \times 10 =$ (1 450 or 14 500 or 145 000)
 d) If $632 \times 42 = 26\ 544$, then $26\ 564 = 632 \times 42 +$
 (2 or 20 or 60)
 e) $4\ 500 =$ (50×9 or 50×900 or 50×90)

3 Put the suitable sign ($<$, $>$ or $=$):

(4 marks)

- a) 25×20 5×400 b) 5 thousands 500 tens

Worksheets

c) 42×51 52×41 d) 500×10 25×40

4 Complete each of the following:

(4 marks)

- a) The place value of the digit 5 in the number 357 891 000 is
- b) $6\ 178\ 113 + \dots = 9\ 999\ 999$
- c) $400 \times 50 = \dots$ thousands =
- d) $80 \times 6\ 000 = \dots$
- e) $3 \times 201 = \dots$, $50 \times 201 = \dots$, then the product of $53 \times 201 = \dots + \dots = \dots$

5 a) Find the missing digits in each of the following:

(4 marks)

$$\begin{array}{r} \square 0 0 \\ \times \quad \square 9 \\ \hline 2 7 \square \square \end{array}$$

$$\begin{array}{r} \square 4 5 \\ \times \quad \square 7 \\ \hline 4 5 \square 5 \end{array}$$

$$\begin{array}{r} \square 2 4 \\ \times \quad \square 4 \\ \hline 1 2 \square \square \\ + 1 6 2 0 0 \\ \hline \square \square \square \square \end{array}$$

- b) Manal bought 40 pens, the price of each pen is P.T. 125.
How many pounds did she pay?

She paid = $\dots \times \dots =$ P.T. $\dots = \dots$ pounds

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Unit 1

Total

Mark

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Lesson 4C

1 Find the quotient of each of the following:

(4 marks)

- a) $486 \div 3 = \dots$ b) $655 \div 5 = \dots$
- c) $946 \div 2 = \dots$ d) $65\ 550 \div 25 = \dots$

2 Choose the correct answer:

(4 marks)

- a) $4\ 545 \div 45 = \dots$ (100 or 101 or 102 or 103)
- b) $260 \div 4 = 13 \times \dots$ (5 or 6 or 7 or 8)
- c) $1\ 512 \div 36 = 4$ tens + \dots units (1 or 2 or 3 or 4)

Worksheets

d) (5 hundreds + 4 tens) \div 9 = (60 or 50 or 40 or 30)

e) $2\,600 \div 26$ 10×10 (< or > or = or another answer)

3 Complete each of the following:

(4 marks)

a) $432 \times 25 =$

b) $3\,605 \div 35 =$

c) $\div 24 = 58$

d) $308 \div$ = 14

e) $- 154\,691 = 598\,492$ f) $402 \times 642 =$

4 A man bought a flat for L.E. 250 000 , he paid L.E. 100 000 in cash and the rest is divided into 60 equal installments.

(4 marks)

Find the value of each installment.

The rest = - = L.E.

The value of each installment = $\div 60 =$ L.E.

5 Find the product:

(4 marks)

524×3 and 524×5 , then deduce the product of:

a) $524 \times 30 =$

$$\begin{array}{r} 524 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 524 \\ \times 5 \\ \hline \end{array}$$

b) $524 \times 500 =$

$$\begin{array}{r} \square\square\square\square \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \square\square\square\square \\ \times 5 \\ \hline \end{array}$$

c) $524 \times 530 =$ + =

Worksheet
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Unit 2

Total

Mark

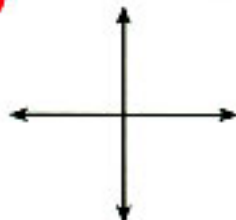
20

Lesson 1

1 Write "parallel , perpendicular or intersecting and not perpendicular" under each of the following figures:

(4 marks)

a)



b)



c)

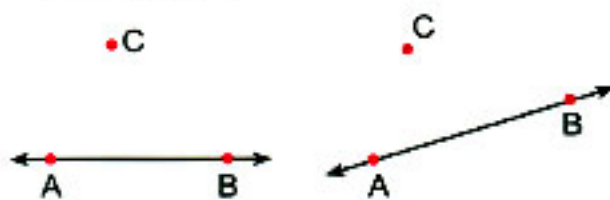


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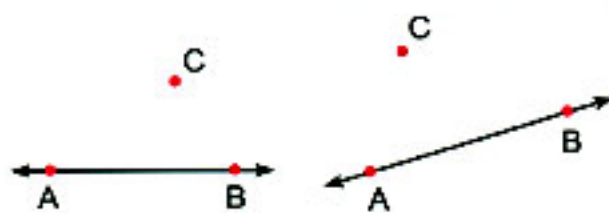
2 Draw:

(4 marks)

- a) Draw a perpendicular to \overleftrightarrow{AB} from C :



- b) Draw \overleftrightarrow{CD} parallel to \overleftrightarrow{AB} :

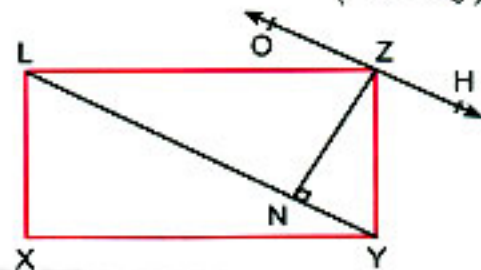
3 a) Complete using " // or \perp :

(4 marks)

1) \overleftrightarrow{HO} \overleftrightarrow{YL}

2) \overleftrightarrow{XY} \overleftrightarrow{YZ}

3) \overleftrightarrow{LZ} \overleftrightarrow{ZY}



b) Complete:

- 1) The two lines which can not intersect are called
- 2) The number of right angles formed from the intersecting of two perpendicular lines =

4 Find the result of each of the following:

(4 marks)

a) $64\,381 + 529\,336 =$

b) $76 \times 42 =$

c) $781\,760 - 482\,315 =$

d) $4\,032 \div 48 =$

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5 Choose the correct answer:

(4 marks)

a) \overleftrightarrow{DE} \overleftrightarrow{CB}

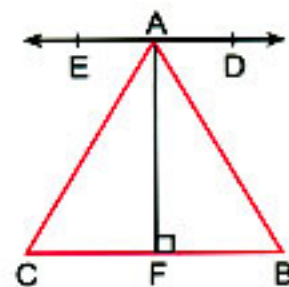
(perpendicular on or parallel to or intersect)

b) \overleftrightarrow{AF} \overleftrightarrow{CB}

(perpendicular on or parallel to or intersect)

c) \overleftrightarrow{CB} and \overleftrightarrow{AB} are

(perpendicular or parallel or intersecting)



Worksheet
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Unit 2

Total

Mark

20

Lesson 2

1 Choose the correct answer:

(4 marks)

- a) The polygon with 4 sides is called
(quadrilateral **or** pentagon **or** hexagon **or** triangle)
- b) The polygon with 5 vertices is called
(quadrilateral **or** pentagon **or** hexagon **or** triangle)
- c) $2\,080 \div 32 =$ (57 **or** 58 **or** 63 **or** 65)
- d) The place value of the digit 9 in the number 6 923 518 is
(millions **or** hundred thousands **or** ten millions)
- e) The diagonals are equal in length in
(the parallelogram **or** the rhombus **or** the trapezium **or** the rectangle and the square)

2 a) Write the number of sides , the number of vertices and the number of angles in each of the following cases:

(4 marks)

- 1)  Number of sides 2) 
- Number of vertices
Number of angles

- b) Draw a square ABCD with side length 5 cm.

3 Complete each of the following:

(4 marks)

- a) In the parallelogram , each two opposite sides are and
- b) In the square the two diagonals are , and
- c) The greatest six-digits number formed from the digits: 5 , 2 , 4 , 1 , 6 , 3 is
- d) The four angles are equal in measure in and
- e) The four sides are equal in length in and

Worksheets

4 Draw the rectangle ABCD in which $AB = 3$ cm. and $BC = 4$ cm. , then draw the two diagonals \overline{AC} and \overline{BD} , then complete:

a) $CD = \dots\dots\dots = \dots\dots\dots$ cm. , $AD = \dots\dots\dots = \dots\dots\dots$ cm.

b) $\overline{AB} \parallel \dots\dots\dots$

c) $\overline{AB} \perp \dots\dots\dots$ and $\dots\dots\dots$

d) $\overline{BC} \parallel \dots\dots\dots$

e) $\overline{BC} \perp \dots\dots\dots$ and $\dots\dots\dots$

f) $AC = \dots\dots\dots = \dots\dots\dots$ cm.

(4 marks)

5 Sally bought 26 metres of cloth for L.E. 286 ,

(4 marks)

find the price of 8 metres of the same kind

The price of one meter = $\dots\dots\dots \div \dots\dots\dots =$ L.E. $\dots\dots\dots$

The price of 8 metres = $\dots\dots\dots \times \dots\dots\dots =$ L.E. $\dots\dots\dots$

Worksheet
9

Unit 2

Total

20

Mark

Lesson 3

1 Complete each of the following:

(4 marks)

a) In $\triangle XYZ$, $m(\angle X) = m(\angle Y) = 55^\circ$, then $m(\angle Z) = \dots\dots\dots^\circ$

b) If one of the angles of a triangle is right , then the sum of the measures of the other two angles = $\dots\dots\dots^\circ$

c) The measure of each angle in the equilateral triangle is $\dots\dots\dots^\circ$

d) The triangle whose side lengths are 4 cm. , 5 cm. and 4 cm. is called $\dots\dots\dots$ triangle

2 Put (✓) or (×):

(4 marks)

a) In the right angled triangle all sides are equal in length

()

b) In $\triangle XYZ$, If $m(\angle X) = m(\angle Y) + m(\angle Z)$, then the triangle XYZ is a right-angled triangle

()

c) We can not find two right angles in one triangle

()

d) There are at least two acute angles in any triangle

()

e) We can find a right angle and an obtuse angle in one triangle

()

3 Choose the correct answer:

(4 marks)

- a) In $\triangle ABC$, $m(\angle A) = 40^\circ$, $m(\angle B)$ is greater than $m(\angle A)$ by 10° , then $\angle C$ is (right or obtuse or acute or straight)
- b) In the isosceles triangle there are angles of equal measures. (4 or 2 or 3 or 0)
- c) In $\triangle ABC$, if $m(\angle A) = m(\angle B)$, the measure of one of its angles is 110° , then $m(\angle A) = \dots\dots\dots^\circ$ (110° or 70° or 35° or 90°)
- d) $\triangle ABC$ is a right-angled triangle, $m(\angle A) = m(\angle B)$, then $m(\angle C) = \dots\dots\dots$ (60° or 90° or 45° or 135°)

4 a) Draw $\triangle ABC$ in which $AB = BC = 7$ cm., $m(\angle B) = 60^\circ$.Find the length of \overline{AC} , calculate $m(\angle C)$.

(4 marks)

- b) Draw $\triangle ABC$ in which $AB = 5$ cm., $m(\angle A) = 50^\circ$ and $m(\angle B) = 70^\circ$. Find the length of each of \overline{AC} and \overline{BC} , calculate $m(\angle C)$

5 Adel bought a flat in a housing tower for L.E. 168 940.

(4 marks)

He paid L.E. 100 000 as a down payment and the rest on 18 equal instalments. Find the value of each instalment.

The rest = - = L.E.

The value of each instalment = \div = L.E.

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Models

5 Models for the mid-term Examinations

Based on Units 1 & 2

Model 1

Total

Mark

20

Mid-term

1 Choose the correct answer:

(4 marks)

a) $(4\ 000 \div 4) \times 99 = \dots\dots\dots$

(one million **or** one milliard **or** 99 thousands)

b) XYZ is a triangle in which $m(\angle X) = 40^\circ$ and $m(\angle Y) = 30^\circ$, then

 ΔXYZ is-angled triangle. (a right **or** an obtuse **or** an acute)

c) $437\ 786 \quad \square \quad 437\ 876$

($<$ **or** $=$ **or** $>$)

d) $524\ 000 = \dots\dots\dots$ hundreds

(52 **or** 524 **or** 5 240)

2 Complete each of the following:

(6 marks)

a) 4 million , 725 thousand and 807 =

b) The diagonals are equal in length in and

c) The hexagon has sides , the pentagon has sides

d) The sum of measures of the interior angles of the triangle = $^\circ$

3 Put the suitable sign ($<$, $>$ or $=$):

(2 marks)

a) $256 \times 4 \quad \square \quad 256 \div 4$

b) The measure of the right angle \square the measure of the obtuse angle

4 Find the result:

(6 marks)

a) $54\ 963 + 34\ 046 = \dots\dots\dots$ b) $64\ 890 - 32\ 986 = \dots\dots\dots$

c) $1\ 046 \times 21 = \dots\dots\dots$ d) $2\ 532 \div 12 = \dots\dots\dots$

5 Adel bought a flat in a building for L.E 168 940. He paid L.E 100 000 as a down payment and the rest on 18 equal installments.

Find the value of each installment.

(2 marks)

Model 2

Total

Mark

20

Mid-term

1 Choose the correct answer:

(4 marks)

- a) Million is the smallest-digit number. (6 or 7 or 9 or 10)
- b) The measure of each angle in the equilateral triangle =
(60° or 90° or 120° or 180°)
- c) The two diagonals are equal in length and perpendicular in
(rhombus or square or rectangle)
- d) The sum of measures of the interior angles of a triangle is
(108° or 810° or 180°)

2 Complete each of the following:

(6 marks)

- a) 34 672 000 = millions , thousands.
- b) In $\triangle ABC$, if $m(\angle A) = 50^\circ$, $m(\angle B) = 70^\circ$, then $m(\angle C) = \dots^\circ$
- c) Any quadrilateral has diagonals.
- d) The value of the digit 3 in the number 9 356 789 is
- e) The smallest 10-digit number is
- f) 5 million , 27 thousands and 36 =

3 a) Draw $\triangle ABC$ where $AB = 6$ cm. , $BC = 8$ cm.

(4 marks)

and $m(\angle ABC) = 90^\circ$. Find by measuring
the length of \overline{AC} and state its type according to its side lengths.

b) Arrange in an ascending order:

365 210 , 365 102 , 365 012 and 365 201

4 Find the result:

(6 marks)

- a) $362\,534 + 270\,152 = \dots$ b) $926\,782 - 275\,671 = \dots$
- c) $6\,352 + 93\,648 = \dots$ d) $54\,765 - 23\,527 = \dots$
- e) $672 \div 32 = \dots$ f) $423 \times 12 = \dots$

Models

Model 3

Total

Mark

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Mid-term

1 Find the result:

(6 marks)

- a) $697\ 692 + 301\ 073 =$
 b) $9\ 806\ 735 - 7\ 705\ 417 =$ c) $900\ 000 - 345\ 876 =$
 d) $1\ 320 \div 11 =$ e) $425 \times 13 =$
 f) $3\ 915 \div 15 =$ (with steps) g) $425 \times 10 =$

2 Put the suitable sign ($<$, $>$ or $=$):

(6 marks)

- a) 5 m. 50 dm. b) 4×16 $100 \div 2$
 c) $9\ 600 \div 5$ $9\ 600 \div 4$ d) $\frac{3}{8}$ $\frac{5}{8}$
 e) The measure of an acute angle the measure of a right angle
 f) $9\ 600 \div 4$ $9\ 600 \div 5$
 g) 3 400 hundreds 34 000 tens

3 Arrange:

(2 marks)

- a) Ascendingly: 654 321 , 143 265 , 142 365 and 645 321
 b) Descendingly: 351 450 , 297 853 , 99 999 and 130 518

4 Complete each of the following:

(3 marks)

- a) The billion (milliard) is the smallest number formed from digits.
 b) Five hundred thousand and thirty is
 c) is the line segment joining two non-consecutive vertices in any quadrilateral.
 d) In $\triangle ABC$, $m(\angle B) = 70^\circ$ and $m(\angle C) = 50^\circ$, then $m(\angle A) = \dots\dots\dots^\circ$

5 Draw the triangle ABC in which $m(\angle BAC) = 90^\circ$,

(3 marks)

BA = 3 cm. and AC = 4 cm., then find:

- a) The perimeter of $\triangle ABC$
 b) The type of $\triangle ABC$ according to the lengths of its sides.

Model 4

Total

Mark

20

Mid-term


1 Complete each of the following:

(4 marks)

- a) 3 million , 3 thousand =
- b) The value of digit 3 in the number 350 815 is
- c) If the triangle ABC is an equilateral triangle , then $AB - BC =$
- d) 9 milliards , 438 millions , 261 thousands and 846 =
- e) The value of the digit 7 in the number 7 258 941 is
- f) 6 395 489 = millions , thousands and

2 Choose the correct answer:

(4 marks)

- a) The polygon which has 6 sides is called
(pentagon or hexagon or octagon)
- b) Four angles are right in
(rhombus or parallelogram or square or trapezium)
- c) The triangle whose side lengths are 6 cm. , 6 cm. and 8 cm. is called
(equilateral triangle or isosceles triangle or scalene triangle)
- d) The figure  is called
(rhombus or parallelogram or trapezium)
- e) The two diagonals are perpendicular and equal in length in
(square or rectangle or rhombus)

3 Find the result:

(4 marks)

a) $205 \times 5 =$

b) $721 \div 7 =$

c)
$$\begin{array}{r} 214562 \\ + 568279 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 796549 \\ - 268375 \\ \hline \end{array}$$

e)
$$\begin{array}{r} 154 \\ \times 12 \\ \hline \end{array}$$

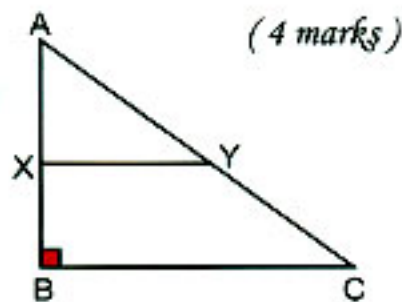
f)
$$\begin{array}{r} \\ 24 \overline{) 2424} \end{array}$$

Models

- 4 a) Look at the opposite figure , then complete using (\parallel or \perp):

1) \overline{XY} \overline{BC}

2) \overline{AB} \overline{BC}



- b) Arrange the following numbers in an ascending order:

8 246 905 , 4 372 687 , 5 929 336 and 7 536 124

- 5 a) Ali has L.E. 30 000 , he bought a bedroom suite for L.E. 9 250. Find the remainder with Ali. (4 marks)

- b) Draw the triangle ABC in which $AB = 3$ cm. , $BC = 4$ cm. and $m(\angle B) = 90^\circ$, then find:

1) By measuring the length of \overline{AC}

2) The type of $\triangle ABC$ according to the lengths of its sides.

Model 5

Total

Mark

20

Mid-term

- 1 Choose the correct answer: (4 marks)

- a) The polygon which has sides is called hexagon (6 or 7 or 8)
- b) The shape which has each two opposite sides are parallel is called (parallelogram or trapezium or triangle or pentagon)
- c) If the side lengths of a triangle are 5 cm. , 7 cm. and 5 cm. , then its type is triangle. (equilateral or isosceles or scalene)
- d) The smallest 7-different digit number is (1 000 000 or 1 023 456 or 9 999 999)
- e) The number is the closest to one milliard from the following numbers. (1 000 000 090 or 999 999 990 or 1 100 000 000)

- 2 Complete each of the following: (4 marks)

- a) The value of 4 in the number 4 527 318 is

20

- b) In any triangle there are at least acute angles.
 c) The polygon which has no diagonals is
 d) One billion (milliard) is the smallest-digit number.
 e) The place value of 6 in the numbers 634 215 is
 f) $343 \div \dots\dots\dots = 49$

3 Find the result:

(4 marks)

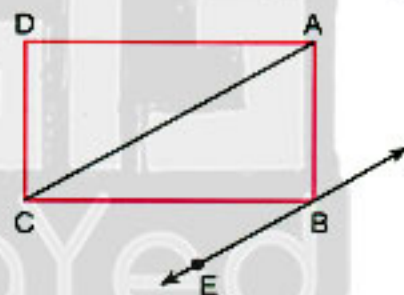
- a) $287\ 697 + 473\ 203 = \dots\dots\dots$
 b) $8\ 253\ 467 - 3\ 568\ 965 = \dots\dots\dots$
 c) $583\ 279 + 678\ 378 = \dots\dots\dots$
 d) $895\ 406 - 372\ 446 = \dots\dots\dots$
 e) $784 \times 28 = \dots\dots\dots$
 f) $7\ 296 \div 24 = \dots\dots\dots$ (with steps)

تابع جديد ذاكرولي على
 فيس بوك
 تويتر
 والس اب
 تليجرام

4 In the opposite figure, complete:

(4 marks)

- a) The figure ABCD is called
 b) $\overleftrightarrow{AB} \parallel \dots\dots\dots$
 c) $\overleftrightarrow{AB} \perp \dots\dots\dots$ and
 d) $\overleftrightarrow{AC} \parallel \dots\dots\dots$
 e) $\overleftrightarrow{AD} \perp \dots\dots\dots$ and



5 a) If 768 pupils in a school are distributed equally among 24 classes.

Find the number of pupils in each class , (with the steps)

- b) Draw the triangle ABC in which $BC = 8\text{ cm}$, $m(\angle B) = 60^\circ$ and $m(\angle C) = 50^\circ$, then answer:
 (4 marks)
 1) Without using the protractor , calculate $m(\angle A)$
 2) What is the type of $\triangle ABC$ according to the measure of its angles.
 c) Arrange the following numbers in a descending order:
 764 478 , 345 286 , 341 286 and 746 278

Worksheets

Worksheet
10

Unit 3

Total

20

Mark

Lesson 1

1 Write:

(4 marks)

- a) All the multiples of 2 that are less than 10
- b) All the multiples of 10 that are less than 100
- c) All the multiples of 5 between 14 and 44
- d) All the multiples of 3 that are less than 20
- e) All the multiples of 7 that are less than 40

2 a) Complete each of the following:

(4 marks)

- 1) $20 = 4 \times \dots$, then 20 is a multiple of and
- 2) The number is a common multiple for all numbers.
- 3) The number 33 is a multiple of 11 because = \times

b) Complete with multiples of 10:

$\square < 57 < \square$

$\square < 11 < \square$

$\square < 24 < \square$

$\square < 43 < \square$

$\square < 76 < \square$

$\square < 95 < \square$

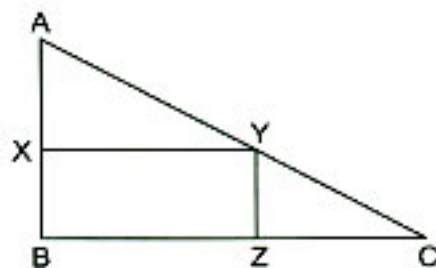
3 a) Choose the correct answer:

(6 marks)

- 1) The number 35 is a multiple of
(2 and 3 or 5 and 4 or 3 and 7 or 5 and 7)
- 2) The triangle which has only two sides equal in length is called
(scalene or isosceles or equilateral or obtuse)
- 3) $136 \times 21 = \dots$ (2 800 or 2 850 or 2 856 or 3 856)

b) Notice the opposite figure, then complete:

- 1) $\overrightarrow{AB} \dots \overrightarrow{BC}$ " \perp or \parallel "
- 2) $\overrightarrow{AB} \dots \overrightarrow{YZ}$ " \perp or \parallel "
- 3) $\overrightarrow{XY} \dots \overrightarrow{BC}$ " \perp or \parallel "
- 4) \overrightarrow{AY} intersects \overrightarrow{BZ} at the point
- 5) \overrightarrow{CY} intersects \overrightarrow{BX} at the point



- 4 If the number of pupils in a class is a multiple of the two numbers 2 and 3 that is included between 30 and 40.

How many pupils are there in the class ?

(3 marks)

- 5 An alarm clock rings regularly every two hours , while another one rings every 3 hours. If the two alarms ring together at 12 o'clock , at what time will they ring together after that ?

(3 marks)

Worksheet 11

Unit 3

Total

Mark

20

Lesson 2

- 1 Complete each of the following with "divisible" or "not divisible":

- a) 36 is by 6 b) 54 is by 4 (4 marks)
 c) 24 is by 8 d) 27 is by 3
 e) 40 is by 3 f) 30 is by 6
 g) 50 is by 4 h) 77 is by 11

- 2 Choose the correct answer:

(4 marks)

- a) In the isosceles triangle there are angles of equal measures.
 (4 or 2 or 3 or 0)
 b) 55 is divisible by (11 or 15 or 25 or 35)
 c) 60 is not divisible by (20 or 6 or 10 or 13)
 d) The place value of the digit 6 in the number 46 325 017 is
 (millions or ten millions or hundred millions or hundreds)

- 3 a) Draw the square ABCD in which $AB = 4$ cm.

(4 marks)

- b) Find the result :

$$\begin{array}{r} 1) \quad 5 \ 6 \ 3 \ 4 \ 2 \ 7 \ 1 \\ - \quad 1 \ 2 \ 7 \ 1 \ 6 \ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 5 \ 1 \ 8 \\ \times \quad 3 \ 6 \\ \hline \end{array}$$

Worksheets

4 Put (✓) or (×):

(4 marks)

- a) 12 is divisible by 2 ()
 b) The number 30 is divisible by both 2, 3, 5 and 6 ()
 c) 32 is divisible by 4 but not divisible by 6 ()
 d) 27 is divisible by 3 but not divisible by 7 ()
 e) All even numbers are divisible by 2 ()

5 Find the result of each of the following:

(4 marks)

- a) $9\ 312\ 000 - 9\ 211\ 775 =$
 b) $(3\ 280\ 075 + 5\ 909\ 138) - 7\ 657\ 249 =$
 c) A number can be divisible by 6 if it is divisible by both and
 d) The smallest number that is divisible by 2, 3 and 5 is
 e) The smallest number that can be added to 107 to get the result divisible by 3 is

Worksheet
12

Unit 3

Total

20

Mark

Lesson 3A

1 Complete by using "a factor" or "not a factor":

(4 marks)

- a) 9 is of 36 b) 7 is of 42
 c) 5 is of 35 d) 10 is of 60
 e) 3 is of 44 f) 2 is of 111

2 Put (✓) or (×):

(4 marks)

- a) 3 is a factor of 42 ()
 b) 2 and 3 are factors of 666 ()
 c) The number 7 has two factors ()
 d) The factors of the number 2 is 2 only ()
 e) Zero is a factor of all numbers ()

Worksheets

3 Complete each of the following:

(5 marks)

- a) The number of factors of 12 is
- b) - 21 965 = 87 669 c) is a factors of all numbers
- d) The place value of the digit 5 in the number 5 164 969 is
- e) The factors of the number 20 are,,, and

4 Choose the correct answer:

(5 marks)

- a) is a factor of 6 (0 or 3 or 5 or 12)
- b) 1, 2, 3, 5 and 6 are factors of (12 or 20 or 30 or 40)
- c) The place value of the digit 5 in the number 21 851 637 is
(hundreds or thousands or tens or ten thousands)
- d) The number 3 is a common factor between the two numbers
(14, 15 or 16, 24 or 14, 16 or 15, 24)
- e) In $\triangle ABC$, $m(\angle A) = 60^\circ$, $m(\angle B) = 40^\circ$, so $\triangle ABC$ is
triangle (a scalene or an isosceles or an equilateral)

5 The teacher of the class distributed 636 notebooks among the pupils of the class, the share of each pupil was 12 notebooks.

What is the number of the pupils ?

(2 marks)

Worksheet
13

Unit 3

Total

Mark

20

Lesson 3B

1 Complete each of the following:

(4 marks)

- a) The smallest prime number is
- b) A number can be divisible by 6 if it is divisible by both and
- c) The prime factors of the number 6 are and
- d) The place value of the digit 6 in the number 617 325 is
- e) The prime numbers, which are less than 12, are

Worksheets

2 Choose the correct answer:

(4 marks)

- a) The numbers 3 and 5 are prime factors of the number
(25 or 35 or 53 or 45)
- b) The sum of the measures of the interior angles of the triangle is
(90° or 120° or 180° or 360°)
- c) is a prime number (93 or 142 or 125 or 23)
- d) is not a prime number (41 or 43 or 47 or 49)
- e) The prime number between 20 and 29 is
(21 or 22 or 23 or 25)

3 Draw $\triangle ABC$ in which $AB = 7$ cm. , $m(\angle A) = 70^\circ$,

(4 marks)

 $m(\angle B) = 60^\circ$. Take points E and F on \overline{AB} such that $EA = FB = 2$ cm. , then join \overline{EC} and \overline{FC} .Determine the type of $\triangle CEF$ according to their sides.

4 Write all the prime numbers according to the given:

(2 marks)

- a) that less than 20
- b) between 60 and 70

5 a) Circle the prime numbers in each group of numbers: (6 marks)

1) 21 , 23 , 25 , 27 , 29

2) 31 , 33 , 35 , 37 , 39

b) Put (\checkmark) or (\times):

1) XYZ is a triangle in which $m(\angle X) = 50^\circ$ and $m(\angle Y) = 40^\circ$
 , then the triangle XYZ is a right-angled triangle ()

2) Thirty four million , six thousand and five is written as
 34 006 005 ()

c) Find the result:

1) $303\,962 + 526\,175 =$ 2) $930\,452 - 20\,000 =$

Worksheet
14

Unit 3

Total

20

Mark

Lesson 4

1 Choose the correct answer:

(4 marks)

- a) The highest common factor of 12 and 10 is
(12 or 10 or 3 or 2)
- b) All prime numbers are odd except (1 or 2 or 7 or 6)
- c) The highest common factor of 12 and 18 is
(6 or 2 or 3 or 9)
- d) The numbers 3 and 5 are prime factors of the number
(25 or 45 or 9 or 44)
- e) 2, 5 and 11 are the prime factors of
(110 or 111 or 102 or 107)
- f) There is no H.C.F. between the numbers
(even or odd or prime or whole)

2 Put (✓) or (×):

(4 marks)

- a) The H.C.F. of the two numbers 3 and 8 is 24 ()
- b) 3 and 19 are the prime factors of 57 ()
- c) The H.C.F. of 5 and 15 is 5 ()
- d) 2 is a prime factor of 100. ()
- e) 3, 5 and 2 are the prime factors of the number 70 ()

3 Complete each of the following:

(4 marks)

- a) The H.C.F. of 12 and 20 is
- b) The smallest 6-digit number is
- c) 1 is not a prime number because
- d) The multiples of 8 less than 25 are
- e) The H.C.F. of 10 and 35 is
- f) The prime number has two factors are and

Worksheets

4 a) Find the H.C.F. for each of the following groups of numbers:

1) 15, 18 and 21

2) 6, 7 and 8

3) 18, 30 and 42

4) 36, 42 and 28 (4 marks)

b) Ramy bought 27 pens for P.T. 35 each. Find the total price.

The total price = × = P.T.

5 Choose the correct answer:

(4 marks)

a) (499 +) is divisible by 3

(1 or 2 or 3)

b) The two diagonals of the square are

(equal in length and not perpendicular or not equal in length and perpendicular or not equal in length and not perpendicular)

c) The smallest prime number formed from two digits is

(10 or 11 or 12 or 13)

d) All prime numbers are odd except (0 or 1 or 2 or 3)

Worksheet
15

Unit 3

Total

20

Mark

Lesson 5

1 Choose the correct answer:

(4 marks)

a) The L.C.M. of the two numbers 6 and 8 is

(12 or 24 or 48 or 96)

b) The L.C.M. of 2 and 6 is

(2 or 6 or 12 or 24)

c) The L.C.M. of the two numbers 8 and 12 is

(20 or 24 or 36 or 30)

d) The H.C.F. of 6 and 10 is

(15 or 5 or 3 or 2)

e) The H.C.F. of 18 and 24 is

(12 or 9 or 4 or 6)

2 Complete each of the following:

(4 marks)

a) The L.C.M. of the numbers 16 and 18 is

b) The two diagonals are perpendicular in and

- c) The L.C.M. of 3 , 5 and 11 is
- d) The three sides are equal in length in the triangle
- e) The sum of the measures of the interior angles of a triangle =°

3 Put (✓) or (×):

(4 marks)

- a) One is a common multiple of all number ()
- b) All sides of the square are equal in length ()
- c) The L.C.M. of the two numbers 12 and 15 is 60 ()
- d) The L.C.M. of 6 and 15 is 30 ()
- e) The L.C.M. of 18 and 20 is 180 ()

4 a) Find the result of each of the following:

(4 marks)

1) $879\ 156 + 498\ 068 = \dots\dots\dots$

2) $608\ 467 - 129\ 585 = \dots\dots\dots$

3) $2\ 525 \div 25 = \dots\dots\dots$

4) $4\ 803 \times 67 = \dots\dots\dots$

- b) If you know that the L.C.M. for the two numbers is 24.
What are the two numbers. (give more than one answer)

5 Find the L.C.M. and the H.C.F. for the numbers of each of the following:

(4 marks)

- a) $(2 \times 3 \times 5 \times 7)$ and $(3 \times 3 \times 7)$
- b) $(2 \times 5 \times 11)$ and $(5 \times 7 \times 13)$
- c) $(2 \times 2 \times 2)$, $(2 \times 2 \times 3)$, (2×11)
- d) (2×7) , (3×7) , (5×7)

اكتب ذاكرولي في البحث وانضم لجروبات ذاكرولي
مع رياض الأطفال للصف الثالث الاعدادي

Worksheets

Worksheet
16

Unit 4

Total

20

Mark

Lesson 1

1 Complete each of the following:

(4 marks)

- a) 94 million , 35 thousand , 15 =
- b) The value of the digit 3 in the number 3 721 014 =
- c) The H.C.F. of the two numbers 16 and 24 =
- d) The L.C.M. of the two numbers 14 and 10 =
- e) $465\,276 +$ three hundred thousands =
- f) The side length of the square whose perimeter 36 cm. =

2 Choose the correct answer:

(4 marks)

- a) The perimeter of the square = (side length + side length
or side length \times 4 or length \times width or side length \div 4)
- b) The perimeter of a square is 20 cm. , then its area = cm.²
(5 or 10 or 20 or 25)
- c) The perimeter of a square is 48 cm. , so half of its area = cm.²
(2 304 or 192 or 144 or 72)
- d) The perimeter of a rectangle is 36 cm. and its width is 8 cm. then its
length = (7 cm. or 8 cm. or 9 cm. or 10 cm.)

3 a) Put the suitable sign (< , > or =):

(4 marks)

- 1) $4\,562\,914 + 243\,782$ $5\,689\,243$
- 2) 521×65 $5\,412$
- 3) $4\,125 \div 45$ 75×2

b) Complete each of the following:

- 1) If the perimeter of a square = 24 cm. , then its side length
= cm.
- 2) The perimeter of a rectangle whose dimensions are 6 cm. and
7 cm. is cm.

- 3) The width of the rectangle = $\frac{\text{Perimeter}}{\dots\dots\dots}$ - $\dots\dots\dots$
- 4) $\dots\dots\dots$ m. = 80 dm. = $\dots\dots\dots$ cm.

4 Choose the correct answer:

(4 marks)

- a) $950\ 000 - 324\ 067 = \dots\dots\dots$ (324 076 or 625 933 or 675 933)
- b) The number 2 100 is divisible by $\dots\dots\dots$ (7 or 11 or 13)
- c) $\triangle XYZ$ in which $m(\angle X) = 40^\circ$, $m(\angle Y) = 30^\circ$, then $\triangle XYZ$ is (a / an)
 $\dots\dots\dots$ -angled triangle (acute or right or obtuse)
- d) The number 108 is divisible by the two prime numbers 2 and $\dots\dots\dots$
 (5 or 7 or 3)
- e) The number $\dots\dots\dots$ is a prime number (9 or 11 or 15)
- f) $8 \times 641 \times 125 = \dots\dots\dots$
 (641 thousands or 641 hundreds or 641 millions)

- 5 a) Draw the rectangle ABCD in which $BC = 4$ cm. ,
 $AB = 3$ cm. Draw \overline{AC} intersects \overline{BD} at M

(4 marks)

- b) A rectangular piece of land , its width equals half its length.
 Calculate its perimeter if its width = 24 metres

Worksheet
17

Unit 4

Total

20

Mark

Lesson 2

1 Choose the correct answer:

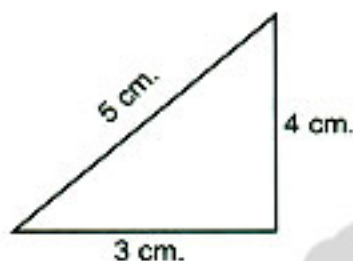
(4 marks)

- a) One hundred thousand , three hundred and seventy-five is $\dots\dots\dots$
 (10 315 or 100 375 or 1 375)
- b) The greatest number formed from the digits 4 , 1 , 5 , 3 , 2 and 9 is
 $\dots\dots\dots$ (45 321 or 123 459 or 954 321)
- c) The smallest prime number is $\dots\dots\dots$ (1 or 0 or 2)
- d) The value of the digit 4 in the number 546 789 is $\dots\dots\dots$
 (40 000 or 4 000 or 400 000)

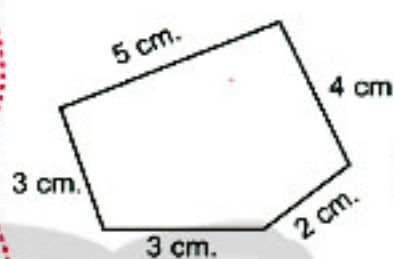
Worksheets

- e) The perimeter of square whose side length 3 cm. =
(9 cm. or 6 cm. or 12 cm.)
- f) 105 is divisible by
(2 , 3 or 5 , 2 or 5 , 3)

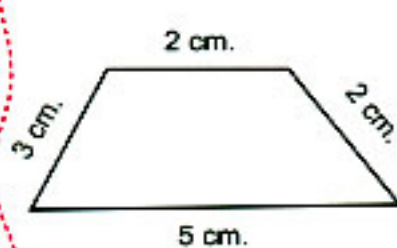
2 a) Calculate the perimeter of each of the following polygons:



Perimeter of the triangle = cm.



Perimeter of the pentagon = cm.



Perimeter of the quadrilateral = cm.

- b) The perimeter of a square is 32 cm. Find its area.
- c) Which is greater ? The area of rectangle of length 5 cm. and width 3 cm. or the area of square of side length 4 cm. ?

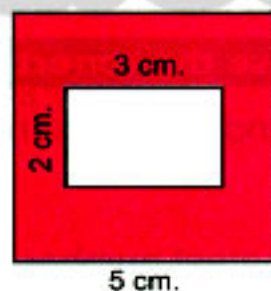
3 Draw $\triangle XYZ$ in which $XY = 5$ cm and $m(\angle X) = m(\angle Y) = 45^\circ$.

Find: a) Measure of $\angle Z$ (4 marks)

- b) What is the type of $\triangle XYZ$ according to the measures of its angles.

4 In the opposite figure:

Find the area of the shaded part, the outer shape is a square of side length 5 cm. and the inner shape is a rectangle of dimensions 3 cm and 2 cm.



(4 marks)

5 a) Find H.C.F and L.C.M of the numbers 28 and 42

(4 marks)

b) A rectangle, its dimensions are 9 cm. and 12 cm. Find:

1) its area

2) its perimeter

Models

Model tests from the School Book

Model test 1 from school book

1 Choose the correct answer:

نفقده في أي عمل عليه العلامة دي

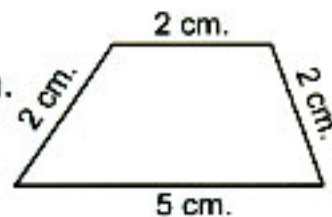
- 1) $\frac{1}{4}$ million pound = pounds.
(2 500 or 25 000 or 250 000 or 500 000)
- 2) The value of the digit 7 in the number 27 351 is
(7 or 70 or 7 000 or 70 000)
- 3) The milliard is the Smallest number that formed from digits.
(7 or 8 or 9 or 10)
- 4) 505 606
(> or < or =)
- 5) The H.C.F. for the two numbers 2 and 4 is
(2 or 4 or 6 or 8)
- 6) The L.C.M. of the two numbers 3 and 6 is
(3 or 6 or 9 or 18)
- 7) The number is divisible by 2 , 3 and 5.
(6 or 10 or 15 or 30)
- 8) Three millions , three thousands and three =
(3 030 003 or 303 003 or 3 003 003 or 3 003 300)
- 9) The Smallest prime number is (0 or 1 or 2 or 3)
- 10) One million and one hundred thousand 1 000 100
(> or < or =)
- 11) The sum of the measures of the interior angles of a triangle
=° (90 or 120 or 180 or 360)
- 12) The two diagonals are equal in length in each of
(the square and the rhombus or the square and rectangle or
the rectangle and the parallelogram)
- 13) The Perimeter of a square of side length 4 cm. the perimeter
of a rectangle whose dimensions are 5 cm, 3 cm. (< or > or =)

14) $99\ 999 + 1 = \dots\dots\dots$

(99 990 or 999 900 or 100 000 or 1 000 000)

2 Complete:

- 1) The number whose prime factors are 2, 5 and 7 is
- 2) $50 \times 600 = \dots\dots\dots$
- 3) $3\text{ m.}^2 = \dots\dots\dots\text{ dm.}^2$
- 4) If the perimeter of a square is 36 cm. , then its side length is cm.
- 5) The rectangle whose dimensions are 8 cm. and 3 cm. , then its area = cm.^2
- 6) The perimeter of the opposite figure = cm.

**3 Find the result of each of the following:**

- 1) $450\ 000 + 462\ 000 = \dots\dots\dots$
- 2) $39\ 057 - 14\ 583 = \dots\dots\dots$
- 3) $25 \times 7 \times 4 = \dots\dots\dots$
- 4) $9\ 045 \div 45 = \dots\dots\dots$
- 5) Calculate the H.C.F. for the two numbers 24 and 40

.....

.....

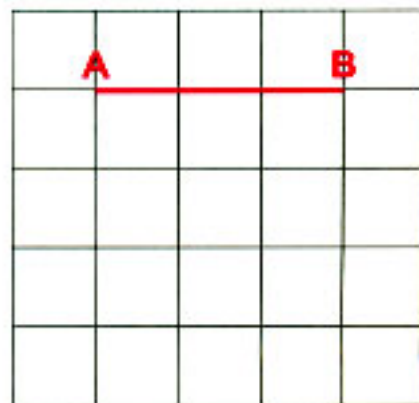
.....

- 6) ABC is a triangle in which $m(\angle A) = 50^\circ$, $m(\angle B) = 100^\circ$. Calculate $m(\angle C)$.

.....

- 7) Complete the drawing of the square ABCD , then answer the following (consider the unit of length = 1 cm).

- a) $\overline{AB} \parallel \dots\dots\dots$
- b) $\overline{AB} \perp \dots\dots\dots$



Models

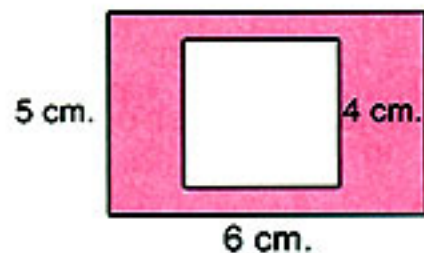
- 8) A hotel contains 180 rooms divided equally among a number of floors , each floor contains 15 rooms. How many floors are there in this hotel ?

The number of floors = =

- 9) Draw the triangle ABC in which $AB = 5 \text{ cm.}$, $m(\angle A) = 40^\circ$
 $m(\angle B) = 50^\circ$. Calculate $m(\angle C)$. What is the type of the triangle ABC with respect to the measures of its angles.

- 10) The opposite figure represent a rectangle whose dimensions are 6 cm. , 5 cm. with a square of side length 4 cm. inside it.

Find the area of the shaded part.



Model test 2 from school book

1 Choose the correct answer:

- 1) $\frac{1}{4}$ million pound is written in digits as pounds.
 (250 or 2 500 or 25 000 or 250 000)
- 2) The place value of the digit 3 in the number 736 542 is
 (thousands or ten thousands or hundred thousands or millions)
- 3) The perimeter of a square is 32 cm. , then its area = cm^2 .
 (8 or 16 or 40 or 64)
- 4) The prime number comes just after the number 17 is
 (18 or 19 or 20 or 23)
- 5) $660 \div 5$ $660 \div 4$ (< or > or =)
- 6) If the sides of a parallelogram are equal in length , then it is
 (trapezium or rectangle or square or rhombus)

Models

- 7) The number 12 is the L.C.M. for 3 and
(4 or 9 or 15 or 36)
- 8) The triangle whose lengths of its sides are 6 cm. , 4 cm. and 6 cm. is triangle
(scalene or isosceles or equilateral)
- 9) 71 million , 425 thousand , 12 is written as :
(71 124 350 or 71 425 012 or 71 043 5 12 or 71 435 120)
- 10) The nearest number of the result of $7\ 815\ 100 + 1\ 475\ 987$ is
(9 million or milliard or 900 thousand or 990 million)
- 11) The sum of the measures of the interior angles of a triangles is°
(90 or 120 or 180 or 160)
- 12) The number is divisible by 2 and 3.
(10 or 14 or 18 or 21)
- 13) $25 \times 7 \times 4 =$
(53 or 70 or 179 or 700)
- 14) The H.C.F. for 8 and 12 is
(4 or 8 or 24 or 96)

2 Complete:

- 1) The quadrilateral in which only two sides are parallel is called
- 2) 15 dm. = cm.
- 3) 2 565 178 – one million =
- 4) $24\ 180 \div 60 =$
- 5) $90\ 000\text{ cm.}^2 =$ m.^2
- 6) is the common multiple for all numbers.

3 Find the result of each of the following:

- 1) $9\ 045 \div 45 =$
- 2) $35\ 859 + 7\ 936 =$
- 3) $90\ 000 - 74\ 856 =$
- 4) $235 \times 25 =$
- 5) $(400 \div 4) \times 999 =$
- 6) $70 \times 20 = 14 \times$

لا تفسد الأسلاك في
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Models

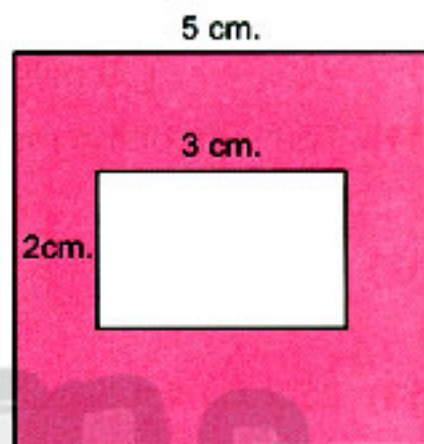
- 7) Reda bought a P.C. for L.E. 3500 , he paid L.E. 500 in each , then he paid the rest in 25 equal installments.
Find the value of each installment.

The rest =

The value of each installment =

- 8) In the opposite figure:

Find the area of the shaded part , the outer shape is square of side length 5 cm. and the inner shape is a rectangle of dimensions 3 cm. and 2 cm.



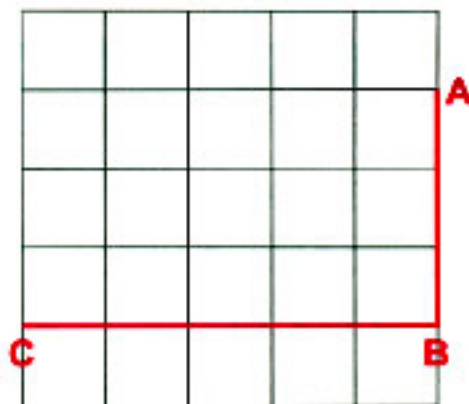
- 9) Draw $\triangle XYZ$ in which $XY = 5$,
 $m(\angle X) = m(\angle Y) = 45^\circ$.
a) calculate $m(\angle Z)$ (without measuring) .
b) What is the type of $\triangle XYZ$ according to the measures of its angles ?
- 10) Complete the drawing of the rectangle ABCD ,
then answer the following :

(consider the unit of length = 1 cm.)

a) $\overline{AB} \parallel$

b) The perimeter of the rectangle

ABCD = cm.



Model test 3 from school book

1 Choose the correct answer:

- 1) 150 thousands =
(150 tens or 15 thousands or 1 500 hundreds or 1 500 000)
- 2) The digit which represents million in the number 78 201 654 is
(2 or 6 or 8 or 7)
- 3) The number which its prime factors are 2 , 2 , 3 the number
which its prime factors are 2 , 3 , 3. (< or > or =)
- 4) The measure of any angle of the square =°
(30 or 60 or 45 or 90)
- 5) The smallest prime number is (zero or 1 or 2 or 3)
- 6) If the perimeter of an equilateral triangle = 12 cm. , then the length of
its side = cm. (3 or 4 or 5 or 6)
- 7) $6\,254\,117 = 254\,117 + \dots\dots\dots$
(6 000 or 60 000 or 600 000 or 6 000 000)
- 8) The diagonals of a rhombus are
(equal in length and not perpendicular or perpendicular and not
equal in length or equal in length and perpendicular)
- 9) The number nearest to the result of : $3\,910\,051 + 5\,200\,402$ is
(9 thousand or 900 thousand or 9 million or milliard)
- 10) The place value of the digit 3 in the number 736 542 is
(thousands or ten thousands or hundred thousands)
- 11) 54 is a number that is divisible by (4 or 6 or 7 or 8)
- 12) The lowest common multiple for the numbers 8 and 16 is
(8 or 16 or 32 or 24)
- 13) $7\,070 \div 35 = \dots\dots\dots$ (11 or 22 or 220 or 202)
- 14) 652×4 652×5 (< or > or =)

Models

- 15) The side length of a square of area 36 cm^2 the side length of a square of perimeter 20 cm. (< or > or =)

2 Complete:

- 32 million , 8 thousand and 15 is written in digits as :
- $3\frac{1}{2} \text{ km.} = \dots\dots\dots \text{ m.}$
- The factors of 50 are
- The sum of the measures of the interior angles of a triangle =°
- 72 hours = days.

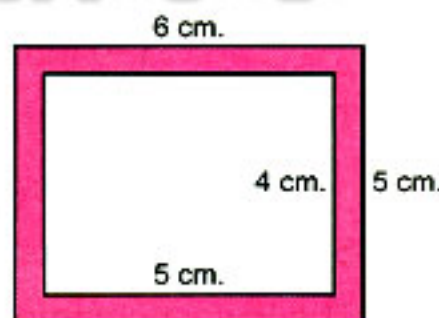
3 Find the result of each of the following:

- $62\,491 + 251\,542 = \dots\dots\dots$
- $93642 - 32\,161 = \dots\dots\dots$
- $9\,450 \div 45 = \dots\dots\dots$
- $8 \times 765 \times 125 = \dots\dots\dots$
- $236 \times 24 = \dots\dots\dots$
- H.C.F. for the numbers 8 and 16 =
- Arrange the following numbers in an ascending order :
861 542 , 681 542 , 156 842 , 865 421 , 685 421
The order is : , , and
- Draw $\triangle ABC$ in which $AB = 7 \text{ cm.}$, $m(\angle A) = 45^\circ$, $m(\angle B) = 75^\circ$,
find $m(\angle C)$. Write the type of the triangle
according to the measures of its angles.

9) In the opposite figure:

Find the area of the shaded part.

.....
.....
.....



- 10) In a certain year, the profit of one shop was L.E 7 316 , if the profit is distributed equally among 31 workers. Find the share of each worker.

Models

Model test for the Special needs students for the fourth primary (1st term)

1 Choose the correct answer:

- 1) $\frac{1}{2}$ of a day = hours. (4 or 6 or 12)
- 2) 3 millions , 57 thousands and 9 is written as
(357 009 or 3 057 009 or 3 579)
- 3) The H.C.F. for the two numbers 2 and 4 is (2 or 4 or 8)
- 4) The L.C.M. for the two numbers 3 and 6 is
(3 or 6 or 18)
- 5) The number 105 is divisible by 5 and (2 or 3 or 4)
- 6) The sum of the measures of the interior angles of a triangle
=° (90 or 108 or 180)
- 7) The perimeter of a square of side length 5 cm. the perimeter
of an equilateral triangle of side length 5 cm. (> or < or =)
- 8) ABC is a triangle , $m(\angle A) = 100^\circ$, this triangle is
(an obtuse-angled triangle or a right-angled triangle or
acute-angled triangle)
- 9) $40\,000 \div 40 = \dots\dots\dots$ (100 or 1 000 or 10 000)
- 10) $1\text{ m.}^2 = \dots\dots\dots\text{ dm.}^2$ (10 or 100 or 10 000)

2 Complete each of the following using the given answers:

(1 001 211 , 5 , rhombus , 4 , rectangle , 988 895)

- 1) $587\,692 + 401\,203 = \dots\dots\dots$
- 2) $9\,806\,735 - 8\,805\,524 = \dots\dots\dots$
- 3) The prime number just before 7 is
- 4) The diagonals are equal in length in the
- 5) $\times 25 = 100$

Models

3 Join from the column (A) to the suitable from the column (B):

Column (A)	Column (B)
1) The value of the digit 5 in the number 351 639 is	100 000
2) $5\,000 \div 10 = \dots\dots\dots$	500
3) $99\,999 + 1 = \dots\dots\dots$	50 000
4) The number whose prime factors are 2 , 3 and 5 is	10
5) A rectangle whose dimensions 2 cm. and 3 cm. , its perimeter = cm.	30

اكتب ذاكرولي في البحث وانضم لجروبات ذاكرولي
مع رياض الأطفال للصف الثالث الاعدادي



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Final Examinations from different Governorates

Test 1

Cairo Governorate

El Nozha L.S

1 Choose the correct answer:

- 1) $20\ 000 \div 4$ $2\ 000 \div 4$ (< or > or =)
- 2) 999 50×20 (< or > or =)
- 3) All the numbers are divisible by 2 (odd or even or prime)
- 4) The greatest number formed from 5 different digits is
(99 999 or 10 234 or 98 765)
- 5) The number of factors of 12 is (3 or 4 or 6 or 12)
- 6) The smallest prime number is (1 or 2 or 3 or 4)
- 7) The two intersecting lines intersect at point.
(0 or 1 or 2 or 3)
- 8) One milliard is the smallest number formed from digits.
(7 or 8 or 9 or 10)
- 9) The measure of any angle of a square equals
(45° or 90° or 150° or 180°)
- 10) 800 dm^2 8 m^2 (< or > or =)
- 11) The two perpendicular straight lines form four angles.
(acute or obtuse or right)
- 12) The perimeter of a square its side length is 3 cm. is cm.
(4 or 8 or 12 or 16)
- 13) $8 \times 641 \times 125 =$
(46 100 or 64 100 or 641 000 or 461 000)
- 14) One hundred thousand , three hundred and seventy-five is
(10 315 or 100 375 or 1 375 or 13 075)

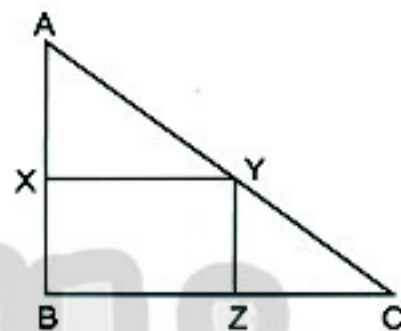
Tests

2 Complete each of the following:

- 1) A prime number has two factors that are and
- 2) The factors of the number 10 are,, and
- 3) The perimeter of a rectangle = (..... + width) \times
- 4) 3 km. = m.
- 5) The sum of measures of the interior angles of a triangle =
- 6) The place value of the digit 4 in the number 3 567 409 is

3 Answer the following:

- 1) Notice the opposite figure ,
then put (\perp or \parallel) :
a) \overleftrightarrow{AB} \overleftrightarrow{BC}
b) \overleftrightarrow{AB} \overleftrightarrow{YZ}
- 2) Draw the triangle XYZ in which
 $XY = 5$ cm. , $m(\angle X) = 30^\circ$ and
 $m(\angle Y) = 90^\circ$, then find the type
of this triangle according to its
angles measures (.....)



- 3) Find H.C.F. and L.C.M. for the two numbers 24 and 30

$$24 = \dots\dots\dots$$

$$30 = \dots\dots\dots$$

24	30

$$\text{H.C.F.} = \dots\dots\dots$$

$$\text{L.C.M.} = \dots\dots\dots$$

- 4) Find the result of :

$$\text{a) } 7\,423\,856 - 5\,018\,378 = \dots\dots\dots$$

$$\text{b) } 4\,803 \times 62 = \dots\dots\dots$$

$$\text{c) } 2\,525 \div 25 = \dots\dots\dots$$

$$\text{d) } 199 \times 25 \times 4 = \dots\dots\dots$$

$$\text{e) } 123\,456 + 945\,320 = \dots\dots\dots$$

Test 2

Giza Governorate

Saint Fatima L.S

1 Choose the correct answer:

- 1) The smallest prime number is (2 or 1 or zero or 3)
- 2) The triangle whose sides are equal in length is called
(isosceles or equilateral or scalene)
- 3) One milliard is the smallest number formed from digits.
(11 or 9 or 10 or 8)
- 4) The area of the rectangle whose dimensions are 5 cm. and 3 cm.
is cm^2 (3 or 6 or 20 or 15)
- 5) 6 m. = dm. (60 or 600 or 6000 or 5)
- 6) is divisible by 3 (123 or 50 or 278 or 119)
- 7) $26\,784 \div 2$ $26\,784 \times 2$ (< or > or =)
- 8) Five million and 1 in digits is
(501 or 5 000 001 or 50 001 or 5 001)
- 9) The value of the digit 4 in the number 5 467 813 is
(400 000 or 40 000 or 400 or 4)
- 10) The two lines which cannot intersect are called
(perpendicular or intersection or parallel)
- 11) The common factor of all numbers is
(1 or 2 or 3 or 4)
- 12) The pentagon is a polygon with sides. (1 or 3 or 4 or 5)
- 13) The greatest number formed from 4 , 1 , 2 , 5 , 3 and 9 is
(123 459 or 954 321 or 342 159 or 139 452)
- 14) The sum of measures of the interior angles of any triangle =
(60° or 30° or 180° or 90°)

Tests

2 Complete each of the following:

- 1) The place value of 6 in the number 216 345 078 is
- 2) The perimeter of the square = \times
- 3) The two diagonals are perpendicular in and
- 4) The number of the factors of prime number is
- 5) The only even prime number is
- 6) The common multiple of all numbers is

3 Answer the following:

- 1) $2\,525 \div 25 =$ 2) $56\,716 + 20\,312 =$
- 3) $789\,134 - 567\,034 =$ 4) $3\,215 \times 3 =$
- 5) Find H.C.F. of the numbers 16 and 24
.....
.....
- 6) Hazem bought 26 books from the book fair of series animal world ,
if the price of one book is L.E. 725.
Find out the money that Hazem paid.
Hazem paid =
- 7) Draw $\triangle ABC$ in which $AB = 5\text{ cm.}$, $m(\angle A) = 60^\circ$ and $m(\angle B) = 70^\circ$
Find: a) $m(\angle C)$
b) Type of this triangle according to
the measures of its angles. (.....)
- 8) Find the area of the square whose side length is 6 cm.
.....
- 9) Find L.C.M. of the numbers 18 and 12
.....
- 10) The perimeter of the rectangle whose dimensions are 7 cm. and 3 cm.
.....

Test 3

Kalyobia Governorate

Al Resala L.S

1 Choose the correct answer:

- 1) The number is divisible by 2 and 3 (6 or 7 or 8)
- 2) The length of the side of the square whose perimeter is 36 cm.
= cm. (5 or 3 or 9)
- 3) L.C.M. for the numbers 7 and 3 is (21 or 24 or 30)
- 4) 105 is divisible by (2 or 5 or 6)
- 5) The million is the smallest number formed from digits.
(5 or 6 or 7)
- 6) The sum of the measures of the interior angles of the triangle
= (170° or 180° or 160°)
- 7) $\frac{1}{3}$ of a day = hours. (2 or 8 or 1)
- 8) is a common factor for all the numbers. (1 or 2 or 3)
- 9) The perimeter of the square whose side length is 3 cm. = cm.
(12 or 11 or 13)
- 10) The area of the square whose side length is 5 cm. is cm.
(22 or 25 or 20)
- 11) The smallest prime number is (2 or 3 or 4)
- 12) If the perimeter of the square is 28 cm. , then its side length
= cm. (5 or 7 or 2)
- 13) The smallest 10-digit number is
(million or thousand or milliard)
- 14) L.C.M. for the numbers 3 and 5 is (14 or 12 or 15)

2 Complete each of the following:

نفوقك في أي عمل عليه العلامة دي

- 1) 4 km. = m.
- 2) The greatest number formed from 0 , 3 , 2 , 5 , 1 and 6 is
- 3) The value of the digit 5 in the number 5 612 816 is

Tests

- 4) The diagonals are equal in length in and
- 5) The smallest number formed from the digits 5 , 8 , 4 , 7 and 0 is
- 6) In a rectangle , each two opposite sides are in length.
- 7) A rectangle , its dimensions are 3 cm. and 7 cm. , then its perimeter
= (..... +) \times =
- 8) $8\,752\,013 + 431\,815 =$
- 9) $231 \times 32 =$ 10) $7\,256\,312 - 7\,056\,300 =$
- 11) $15\,408 \div 36 =$
- 12) 30 000 , 40 000 , 50 000 , , (in same pattern)

3 Answer the following:

- 1) A rectangle , its dimensions are 9 cm. and 3 cm. Find its area.
The area = \times = cm^2 .
- 2) Draw triangle ABC in which $AB = 6\text{ cm}$,
 $m(\angle B) = 60^\circ$ and $BC = 4\text{ cm}$.
- 3) Find the area of the square whose side length is 3 cm.
The area = \times = cm^2 .
- 4) In a school , if 124 pupils are distributed equally among 4 classes.
Find the number of pupils in each class.
The number of pupils = \times = pupils

Test 4

Alexandria Governorate

Hafez Ibrahim L.S

1 Choose the correct answer:

- 1) The number is divisible by 5 and 3 (45 or 40 or 20 or 35)
- 2) $8\text{ dm}^2 =$ cm^2 (80 or 8 or 800 or 8000)
- 3) 5 milliards 500 millions (> or < or =)
- 4) The number of factors of any prime number is
(0 or 4 or 1 or 2)

Tests

- 5) The H.C.F. of the two numbers 9 and 12 =
(2 or 3 or 4 or 6)
- 6) The number of sides of any polygon does not equal to the number of its
(angles or diagonals or vertices)
- 7) $2\,958 \div 34$ $2\,958 \div 87$ (> or < or =)
- 8) L.C.M. of the two numbers 5 and 10 is
(5 or 50 or 10 or 20)
- 9) Ten million , eight hundred seventy-three thousands =
(10 507 200 or 1 087 020 or 10 810 073 or 10 873 000)
- 10) The side length of the square whose perimeter is 28 cm. = cm.
(9 or 7 or 14 or 4)
- 11) The value of the digit 6 in the number 756 218 743 =
(600 6 000 or 6 000 000 or 60 000 000)
- 12) If $47 \times 15 = 705$, then $710 = 47 \times 15 +$
(5 or 4 or 40 or 30)
- 13) The number is divisible by 3 (323 or 732 or 404 or 328)
- 14) The triangle whose side lengths are 3 cm. , 5 cm. and 6 cm. is triangle.
(equilateral or isosceles or scalene)

2 Complete the following:

- 1) The even prime number is
- 2) The side length of the square whose area is $36 \text{ cm.}^2 =$ cm.
- 3) L.C.M. for the two numbers 3 and 5 is
- 4) The diagonals of the rectangle are and
- 5) The smallest number formed from the digits 3 , 6 , 0 , 5 , 7 and 9 is
- 6) The perimeter of the rectangle whose two dimensions are 8 cm. and 5 cm. is cm.

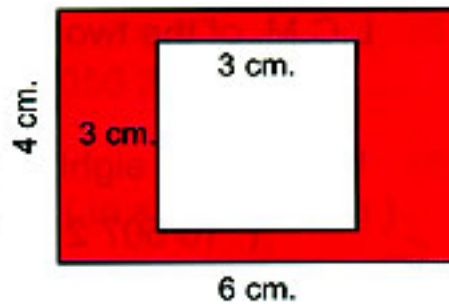
Tests

3 Answer the following:

- 1) $362\ 174 + 218\ 317 = \dots\dots\dots$ 2) $986\ 371 - 248\ 637 = \dots\dots\dots$
 3) $4 \times 89 \times 25 = \dots\dots\dots$ 4) $426 \times 43 = \dots\dots\dots$
 5) Find H.C.F. and L.C.M. for the two numbers 18 and 24

6) In the opposite figure:

Find the area of the shaded part.



- 7) In a school, if 798 pupils are distributed equally among 19 classes. Find the number of pupils in each class.

- 8) Draw $\triangle ABC$ in which $AB = 6\text{ cm.}$,
 $m(\angle A) = 30^\circ$ and $m(\angle B) = 60^\circ$, then find :

- a) $m(\angle C) = \dots\dots\dots^\circ$
 b) The type of the triangle according to the measures of its angles ($\dots\dots\dots$).

Test 5

Sharkia Governorate

Horreya L.S

1 Choose the correct answer:

- 1) The smallest prime number is $\dots\dots\dots$ (0 or 1 or 2 or 3)
 2) Million is the smallest number formed from $\dots\dots\dots$ digits.
 (6 or 7 or 5 or 10)
 3) The H.C.F. of 12 and 4 is $\dots\dots\dots$ (24 or 12 or 2 or 4)
 4) Two intersecting straight lines intersect at $\dots\dots\dots$ point(s).
 (0 or 1 or 2 or 3)
 5) $5\text{ m.}^2 = \dots\dots\dots\text{ cm.}^2$ (50 or 500 or 50 000 or 5 000)
 6) The number $\dots\dots\dots$ is divisible by 5 (342 or 213 or 334 or 425)

- 7) $428\ 638 - 216\ 345 = \dots\dots\dots$
($212\ 193$ or $212\ 239$ or $212\ 293$ or $212\ 093$)
- 8) 32 million , 5 thousand and 24 in digits is
($32\ 500\ 024$ or $32\ 524$ or $32\ 005\ 024$ or $3\ 000\ 524$)
- 9) $234 \times 23 = \dots\dots\dots$ ($5\ 382$ or $5\ 832$ or $2\ 853$ or $8\ 235$)
- 10) The hexagon has sides. (5 or 4 or 6 or 7)
- 11) The prime number whose sum of its factors is 6 is
(2 or 5 or 7 or 3)
- 12) The diagonals are equal in length in
(trapezium or rectangle or rhombus or parallelogram)
- 13) The area of a rectangle whose dimensions are 6 cm. and 4 cm.
= cm^2 (40 or 20 or 24 or 10)
- 14) $25 \times 61 \times 4 = \dots\dots\dots$ hundreds.
($6\ 100$ or $6\ 001$ or 61 or 610)

2 Complete the following:

- The number of factors of the number 6 is
- The place value of 7 in the number 2 745 318 is
- The sum of measures of interior angles of a triangle is $^\circ$
- The smallest number whose prime factors are 2 , 3 and 5 is
- The perimeter of a square whose side length is 8 cm. = cm.
- 2 400 cm. = dm.

3 1) Find the result of each of the following :

- $62\ 491 + 251\ 542 = \dots\dots\dots$
- $893\ 756 - 431\ 877 = \dots\dots\dots$
- $123 \times 15 = \dots\dots\dots$

- 2) A rectangle , its length is 5 cm. and its width is 3 cm.

Find its perimeter.

Perimeter of rectangle = = cm.

Tests

- 3) A group of 328 tourists is divided into 8 buses. Find the number of tourists each bus can carry.

The number of tourists in a bus = = tourists.

- 4) 1) Draw the triangle ABC in which $AB = 4 \text{ cm}$, $m(\angle A) = 60^\circ$ and $m(\angle B) = 30^\circ$, then complete :

a) $m(\angle C) = \dots\dots\dots^\circ$

b) Its type according to its angles measures is-angled triangle.

- 2) Factorize 6 and 9 . then find H.C.F. of 6 and 9

6 =

6

9

9 =

H.C.F. =

- 3) Arrange the following numbers in an ascending order :

523 145 , 214 569 , 86 458 and 21 987

The order is : , and

- 4) A square , its perimeter is 24 cm. Find its area.

Side length = = cm.

Area = = cm^2

Test 6

El Dakahlia Governorate

Yehia Elrafey L.S

- 1 Choose the correct answer:

- 1) Twenty-three million , four thousand and sixty in digits =
(23 004 060 or 234 000 060 or 23 000 460 or 32 004 060)
- 2) The place value of 6 in the number 946 123 897 is
(ten millions or millions or hundred millions or ten thousand)
- 3) $6 \text{ dm}^2 = \dots\dots\dots \text{cm}^2$ (6 or 60 or 600 or 6 000)

Tests

- 4) is divisible by 3 (112 or 29 or 222 or 17)
- 5) H.C.F. for 6 and 7 is (1 or 0 or 2 or otherwise)
- 6) One million – the greatest 6-digit number =
(100 000 or 10 000 or 1 000 or 1)
- 7) is a multiple of number 5 (222 or 333 or 444 or 220)
- 8) 7 milliards = millions. (70 or 700 or 7 000 or 70 000)
- 9) If $45 \times 13 = 585$, then $589 = 45 \times 13 + \dots$
(2 or 4 or 30 or 60)
- 10) Hundred million is the smallest number consists of digits.
(6 or 7 or 8 or 9)
- 11) The type of triangle whose side lengths are 6 cm. , 7 cm. and 6 cm.
is (scalene or isosceles or equilateral or right)
- 12) The number of sides of a hexagon = (4 or 5 or 6 or 7)
- 13) Two parallel lines intersect at points. (0 or 1 or 2 or 4)
- 14) L.C.M. for the two numbers is 20 , then the two numbers are
(2 and 5 or 3 and 5 or 4 and 5 or 6 and 5)

2 Complete the following:

- 1) The four angles are right in square and
- 2) The value of the digit 4 in the number 354 267 198 is
- 3) kilometres = 9 000 metres.
- 4) Side length of a square = the perimeter \div
- 5) Each number is a factor of itself except
- 6) 123 765 089 , 123 655 089 , 123 545 089 ,

(in the same pattern)

3 Answer the following:

- 1) Factorize the two numbers 24 and 36 to their prime factors , then find
 - a) H.C.F.
 - b) L.C.M.

Tests

- 2) Find the area and the perimeter of :
- a) The square of side length 5 cm.
-
- b) The rectangle whose two dimensions are 6 dm. and 4 dm.
-
- 3) 650 pupils in a school are distributed equally among 25 classes.
Find the number of pupils in each class.
-
- 4) Ahmed bought 35 books , if the price of each book is 68 pounds , if he had 3 000 pounds. Find the remainder with him.
-
- 5) Draw the triangle ABC in which $AB = 6 \text{ cm.}$,
 $m(\angle A) = 45^\circ$ and $m(\angle B) = 100^\circ$, then find :
- a) $m(\angle C) = \dots\dots\dots^\circ$
- b) The type of the triangle according
to the measures of its angles. (.....)
- c) The type of the triangle according
to the lengths of its sides. (.....)
- 6) Arrange the following numbers in an ascending order:
1 230 145 , 10 007 729 , 321 045 , 1 000 779 and 897 012
The order is : , , and
- 7) Find the greatest number and the smallest number that can be
consist : 7 , 0 , 2 , 5 , 9 and 4 , then find the difference between them.
-
-

تابع جديد ذاكرولي على
فيسبوك
تويتر
والمن اب
تليجرام

Test 7

Ismailia Governorate

Hafez Ibrahim L.S

1 Choose the correct answer:

- 1) is a common multiple of all numbers. (0 or 1 or 2 or 7)
- 2) is a prime number. (15 or 16 or 17 or 18)
- 3) The two diagonals are perpendicular and not equal in length in (rhombus or square or rectangle or triangle)
- 4) Two parallel straight lines form 4 right angles. (✓ or ×)
- 5) A square , its perimeter is 8 cm. , then its side length = cm. (2 or 4 or 64 or 32)
- 6) 358 is divisible by (2 or 3 or 5 or 6)
- 7) 9 has factors. (2 or 3 or 4 or 5)
- 8) $3 \text{ m.}^2 = \text{..... cm.}^2$ (300 or 3000 or 30 000 or 300 000)
- 9) 65 million , 65 thousand = (6 565 000 or 65 065 000 or 6 500 065 or 65 000)
- 10) Rhombus has 4 equal sides. (✓ or ×)
- 11) L.C.M. of 5 and 7 is (35 or 5 or 7 or 12)
- 12) The angle whose measure is 110° is angle. (acute or right or obtuse or straight)
- 13) $500 \times 2\,000 =$ one million. (✓ or ×)
- 14) $875 \div 25$ $875 \div 5$ (> or < or =)

2 Complete the following:

- 1) $\frac{1}{2}$ million = 2) The factors of 12 are
- 3) The quadrilateral has sides.
- 4) One million has digits.
- 5) A rectangle , its length is 5 cm. and width is 3 cm. , then its area = cm.^2
- 6) A square , its side length is 10 cm. , then its perimeter = cm.

Tests

3 Answer the following:

- 1) $62 \times 26 = \dots\dots\dots$
- 2) $552 \div 23 = \dots\dots\dots$
- 3) $78 \div 3 = \dots\dots\dots$
- 4) $6\,508 + 2\,972 = \dots\dots\dots$
- 5) $4\,639 - 1\,390 = \dots\dots\dots$
- 6) Find L.C.M. of 12 and 18
.....
- 7) A rectangle , its length is 6 cm. and width is 5 cm. Find its perimeter.
.....
- 8) A square , its side length is 7 cm. Find its area.
.....
- 9) In triangle ABC , if $m(\angle A) = 60^\circ$ and $m(\angle B) = 40^\circ$.
Find : $m(\angle C)$
.....
- 10) Draw the triangle XYZ in which $XY = 6\text{ cm.}$, $m(\angle X) = 50^\circ$
and $m(\angle Y) = 60^\circ$

Test 8

Sharkia Governorate

Rajac L.S

1 Choose the correct answer:

- 1) The smallest 7-digit number is
(milliard or million or hundred thousand)
- 2) The only even prime number is (2 or 0 or 4)
- 3) The measure of right angle = (180° or 99° or 90°)
- 4) The common factor for all numbers is (0 or 1 or 3)
- 5) 999 999 one million (> or = or <)
- 6) 45 tens = (45 or 450 or 4 500)
- 7) Two perpendicular straight lines form right angles.
(2 or 3 or 4)

Tests

- 8) The perimeter of square of side 5 cm. is cm.
(20 or 25 or 10)
- 9) The number is divisible by 5 (51 or 40 or 92)
- 10) The measure of acute angle The measure of obtuse angle.
(> or = or <)
- 11) All the numbers are divisible by 2 (odd or even or prime)
- 12) The two diagonals are equal in length and perpendicular in
(rhombus or rectangle or square)
- 13) $\frac{1}{2}$ km. = m. (500 or 50 or 5)
- 14) The triangle whose side lengths are 7 cm. , 5 cm. and 7 cm. is
..... triangle. (a scalene or an isosceles or an equilateral)

2 Complete the following:

- 1) Perimeter of rectangle = (..... +) ×
- 2) The place value of 6 in 4 683 524 is
- 3) The number of sides of pentagon is
- 4) 8 million , 54 thousand and 365 =
- 5) The sum of the measures of the interior angles of a triangle is
- 6) ÷ 5 = 9



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3 Answer the following:

- 1) $452\,013 + 439\,815 =$
- 2) $7\,256\,312 - 7\,056\,300 =$
- 3) Find the area of square of side length 6 cm.
The area = = cm^2
- 4) Factorize the two numbers 6 and 10 , then find the H.C.F.
and the L.C.M. for them :
6 = 10 =
H.C.F. = L.C.M. =
- 5) $35 \times 426 =$

Tests

- 6) Find the area of rectangle of dimensions 6 cm. and 4 cm.
The area = = cm.²
- 7) Arrange in an ascending order:
2 436 587 , 69 458 , 585 321 and 9 765
The order is : , and
- 8) $372 \div 12 = \dots\dots\dots$
- 9) Draw the triangle ABC in which
 $AB = 7$ cm. , $m(\angle B) = 60^\circ$
and $BC = 6$ cm.

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Test 9

Port Said Governorate

Elwy L.S

1 Choose the correct answer:

- 1) The value of the digit 4 in the number 547 627 is
(40 000 or 400 000 or 4 000 or 4 000 000)
- 2) 850 cm. = dm. (8 500 or 85 000 or 85 or 850)
- 3) The greatest 6-digit number is
(999 999 or 987 654 or 100 000 or 666 666)
- 4) The number is divisible by 5
(551 or 594 or 54 or 495)
- 5) $805 \times 100 = \dots\dots\dots \times 10$ (85 or 8050 or 250 or 805)
- 6) The place value of the digit 3 in the number 8 376 542 is
(thousands or millions or tens or hundred thousands)
- 7) 150 thousands = (15 000 or 1 500 or 150 000 or 150)
- 8) The prime number has only factors. (1 or 2 or 3 or 4)
- 9) The two perpendicular straight lines form 4 angles.
(right or acute or straight or obtuse)
- 10) 71 million , 354 thousand and 12 is
(71 354 120 or 7 135 412 or 71 354 012 or 1 735 412)

- 11) The polygon of 5 sides is called
(pentagon or square or hexagon or rhombus)
- 12) The common multiple for all numbers is
(0 or 10 or 1 or 100)
- 13) The perimeter of square whose side length is 3 cm. is
(9 cm. or 14 cm. or 6 cm. or 12 cm.)
- 14) The sum of measures of the interior angles of any triangle =
(180° or 90° or 108° or 120°)

2 Complete the following:

- 1) The smallest 7-digit number is
- 2) 3 km. = m.
- 3) The smallest prime number is
- 4) The area of the rectangle whose dimensions are 3 cm. and 5 cm. is cm^2 .
- 5) The greatest number formed from the digits 5 , 8 , 4 and 9 is
- 6) The measure of the right angle = $^\circ$.

3 1) Arrange the following numbers in an ascending order:

41 328 , 43 182 , 42 138 and 42 183

The order is : , and

2) Find the result:

a) $879\ 156 + 498\ 068 =$

b) $768\ 594 - 153\ 037 =$

4 1) Find H.C.F. and L.C.M. of the numbers 6 and 8

- 2) Draw $\triangle ABC$ in which $AB = 4\text{ cm.}$,
 $BC = 3\text{ cm.}$, $m(\angle B) = 90^\circ$. Find :

a) The length of $\overline{AC} =$

b) The perimeter of $\triangle ABC =$

Tests

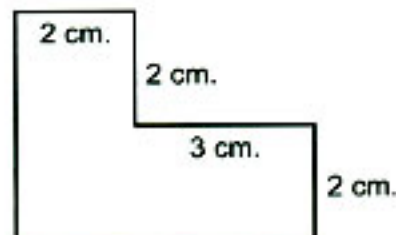
Test 10

Damietta Governorate

Modern L.S

1 Choose the correct answer:

- The value of the digit 8 in the number 1 096 835 is
(8 or 80 or 800 or 8 000)
- The numbers 2 , 3 , 5 and 7 are called numbers.
(prime or odd or even or equal)
- The two perpendicular straight lines form four angles.
(acute or right or obtuse or straight)
- A rectangle whose area is 15 cm^2 and its length is 5 cm. , then its width = cm. (3 or 10 or 75 or 20)
- One million is the smallest number formed from digits.
(6 or 7 or 8 or 10)
- The smallest odd prime number is (0 or 1 or 2 or 3)
- The two diagonals are equal in length and not perpendicular in
(square or rectangle or rhombus or parallelogram)
- The number 36 is divisible by the two prime numbers
(2 and 5 or 3 and 5 or 2 and 3 or 2 and 7)
- 40×70 280 tens. (> or = or <)
- The triangle whose side lengths are 6 cm. , 3 cm. and 6 cm. is called
(scalene or right or equilateral or isosceles)
- The place value of the digit 5 in the number 13 564 972 is
(ten thousands or ten millions or hundred thousands or millions)
- The number of the factors of the number 8 is
(2 or 4 or 6 or 8)
- The perimeter of the opposite figure = cm.
(9 or 13 or 14 or 18)



14) The common multiple of all the numbers is

(0 or 1 or 2 or 3)

2 Complete the following:

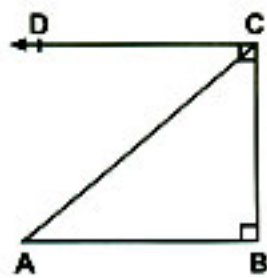
1) 71 million , 354 thousand and 12 is written as

2) 3 km. = m.

3) The smallest number divisible by 2 , 3 and 5 is

4) In the opposite figure :

$\overrightarrow{CD} \parallel$



5) The smallest number formed from the digits

4 , 1 , 0 , 3 , 9 and 2 is

6) The perimeter of the rectangle whose dimensions are 6 cm. and 4 cm. = cm.

3 Answer the following:

1) Find the result of :

a) $879\ 156 - 498\ 068 =$

b) $294 \div 21 =$ (showing the steps)

2) Find the area of a square whose perimeter is 20 cm.

The side length of the square = = cm.

The area of the square = = cm^2

3) Find the H.C.F. of the numbers 24 and 40

.....

4) Eman bought 126 books , if the price of one book is L.E. 25.

Find out the money that Eman paid.

Eman paid = = L.E.

5) Put the suitable relation ($>$, $<$ or $=$) :

a) $3\ 407\ 805 + 3\ 592\ 195$ 7 hundred thousand.

b) $9\ 200 \div 4$ 60×40

Tests

- 6) Find the area of the shaded part.

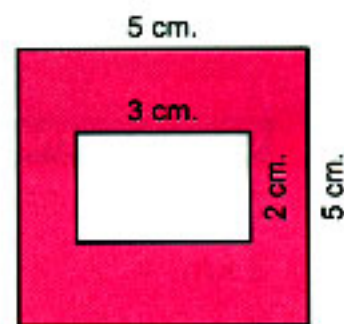
.....

.....

- 7) Find the L.C.M. of the two numbers 8 and 12

.....

.....



- 8) Arrange the following numbers in an ascending order :

413 528 , 431 582 , 421 538 and 421 583

The order is : , and

- 9) Complete :

ΔABC in which $m(\angle A) = 50^\circ$ and $m(\angle B) = 70^\circ$, then $m(\angle C) = \dots\dots\dots^\circ$ and the type of ΔABC according to the measures of its angles is-angled triangle.

- 10) Draw ΔABC in which $AB = 7 \text{ cm.}$, $m(\angle A) = 50^\circ$ and $m(\angle B) = 70^\circ$

Test 11

Kafr El-Sheikh Governorate

Resala L.S

- 1 Choose the correct answer:

- The number is divisible by both of 2 and 5
(72 or 25 or 233 or 300)
- The two perpendicular straight lines form four angles.
(acute or right or obtuse or straight)
- In the equilateral triangle , there are equal sides in length.
(2 or 3 or 0 or 4)
- 240 millions = thousands.
(240 or 24 000 or 240 000 or 24)
- is one of the factors of the number 8.
(16 or 4 or 20 or 24)

Tests

- 6) If the dimensions of a rectangle are 20 cm. and 15 cm. , then its area = (3 mm². or 3 cm². or 3 dm². or 3 m².)
- 7) The prime number between 6 and 10 is (9 or 8 or 7 or 5)
- 8) The pentagon has sides. (4 or 5 or 6 or 7)
- 9) 4×13 3×17 (> or = or < or ≤)
- 10) The diagonals are perpendicular and equal in length in (rectangle or rhombus or square or parallelogram)
- 11) The smallest prime number is (0 or 1 or 2 or 3)
- 12) $70 \times 20 = 14 \times$ (10 or 100 or 1 000 or 10 000)
- 13) 6 000 m. = km. (6 000 or 600 or 60 or 6)
- 14) The million is the smallest number formed from digits. (3 or 4 or 7 or 9)

2 Complete:

- 1) The value of the digit 3 in the number 3 721 014 is
- 2) A square of side length 3 cm. , then its perimeter = cm.
- 3) The H.C.F. for the numbers 24 and 30 is
- 4) 59 million , 42 thousand , 63 = (in digits)
- 5) The measures of two angles of a triangle are 64° and 81° , then this triangle is -angled triangle.
- 6) is the common multiple of all numbers.

3 Answer the following:

- 1) Find with steps the quotient: $3654 \div 3 =$

$$\begin{array}{r} 3 \overline{) 3654} \end{array}$$

- 2) Find the L.C.M. for the numbers 12 and 16

$$12 = \dots\dots\dots$$

$$16 = \dots\dots\dots$$

$$\text{L.C.M.} = \dots\dots\dots$$

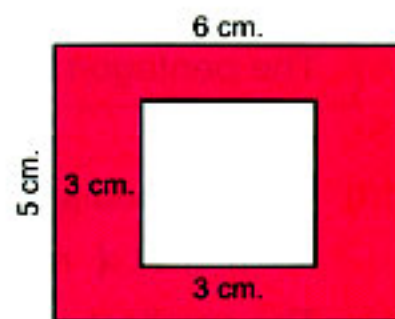
Tests

- 3) Draw $\triangle ABC$ in which $AB = 5$ cm.
and $m(\angle A) = m(\angle B) = 45^\circ$

- 4) In the opposite figure:

A square is drawn inside a rectangle.

Find the area of the shaded part.



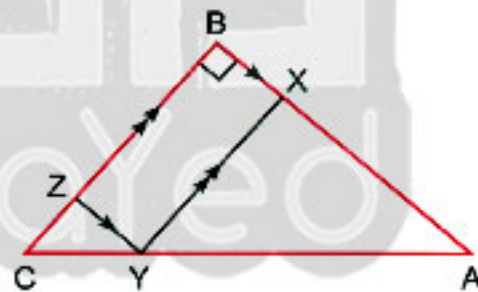
- 5) $90\,000 - 78\,456 =$
- 6) A hotel contains 192 rooms divided equally by a number of floors ,
each floor contains 16 rooms. How many floors are there in this
hotel ?

- 7) $35\,859 + 7\,936 =$

- 8) In the opposite figure :

a) Put (\perp or \parallel) :

- 1) \overleftrightarrow{AB} \overleftrightarrow{BC}
2) \overleftrightarrow{AB} \overleftrightarrow{YZ}
3) \overleftrightarrow{XY} \overleftrightarrow{BA}



b) Complete: \overleftrightarrow{AY} intersects with \overleftrightarrow{BX} at the point

- 9) $123 \times 15 =$
- 10) The dimensions of a rectangle are 90 cm. and 40 cm. If the area of
the rectangle equals the area of a square , find the perimeter of the
square.

Test 12

El-Beheira Governorate

Korba L.S

1 Choose the correct answer:

- 1) The milliard is the smallest number formed from digits.
(7 or 8 or 9 or 10)
- 2) The perimeter of a square whose area is $36 \text{ cm}^2 =$ cm.
(24 or 144 or 1 296 or 72)
- 3) The number is a prime number. (15 or 17 or 24 or 10)
- 4) is a common multiple for all numbers.
(zero or 1 or 10 or 100)
- 5) The number of sides of any polygon doesn't equal the number of its
(diagonals or angles or vertices)
- 6) The number 15 is a common multiple for two numbers
(2 and 5 or 3 and 4 or 5 and 3 or 1 and 6)
- 7) $7\,251\,309 + 748\,691 =$
(8 milliards or 8 millions or 8 thousands or 8 hundreds)
- 8) The triangle whose lengths of its sides are 3 cm. , 7 cm. and 5 cm. is triangle. (scalene or equilateral or isosceles or right)
- 9) The value of the digit 4 in the number 546 789 =
(400 or 40 000 or 400 000 or 4)
- 10) A rectangle , its dimensions are 3 cm. and 7 cm. , then its perimeter = cm.
(7 or 17 or 20 or 40)
- 11) $32\,605\,108$ $23\,511\,998$ (> or < or = or <)
- 12) is divisible by 2 and 3 (10 or 18 or 21 or 11)
- 13) 90 thousands = tens. (90 or 900 or 9 000 or 90 000)
- 14) The area of the rectangle whose dimensions are 7 cm. , and 5 cm. = cm^2 (12 or 2 or 24 or 35)

Tests

2 Complete:

- 1) $2\,565\,178 - \text{one million} = \dots\dots\dots$
- 2) The number of the factors of the prime number is $\dots\dots\dots$
- 3) If the measure of two angles of a triangle are 62° and 81° , then this triangle is $\dots\dots\dots$ -angled triangle.
- 4) $3\text{ dm.} = \dots\dots\dots\text{ cm.}$
- 5) The length of the side of the square whose perimeter is 36 cm.
 $= \dots\dots\dots$
- 6) $5\text{ million, } 75\text{ thousand, } 250 = \dots\dots\dots$ (in digits)

3 Answer the following:

- 1) $62\,491 + 251\,542 = \dots\dots\dots$
- 2) Find the L.C.M. of the two numbers 24 and 18
 $\dots\dots\dots$
 $\dots\dots\dots$
- 3) $167 \times 39 = \dots\dots\dots$
- 4) Find the H.C.F. of two numbers 28 and 14
 $\dots\dots\dots$
 $\dots\dots\dots$
- 5) Draw the rectangle ABCD in which :
 $BC = 4\text{ cm.}$ and $AB = 3\text{ cm.}$
Draw \overline{AC} intersect \overline{BD} at M
- 6) $9\,180 \div 45 = \dots\dots\dots$
- 7) Nada bought 25 m. of cloth , the price of one meter is P.T. 475
How much money did Nada pay ?
 $\dots\dots\dots$
- 8) In the triangle ABC , if $m(\angle A) = 67^\circ$ and $m(\angle B) = 33^\circ$ Find: $m(\angle C)$
 $\dots\dots\dots$

Tests

- 9) In a school , if 798 pupils are distributed equally among 19 classes.
Find the number of pupils in each class.
- 10) Draw $\triangle ABC$ where $AB = 3 \text{ cm.}$,
 $m(\angle B) = 90^\circ$ and $BC = 4 \text{ cm.}$
Find length of \overline{AC}

Test 13

El-Fayoum Governorate

Sunrise L.S

1 Choose the correct answer:

- 1) 6 million , 425 thousand and twelve is written as
(6 425 012 or 6 425 120 or 642 512 or 6 425 102)
- 2) $6\,000 \div 15$ $3\,000 \div 15$ (> or = or <)
- 3) The place value of the digit 2 in the number 2 080 701 is
(ten thousands or millions or ten millions or hundred thousands)
- 4) $\frac{1}{4}$ million pounds = pounds.
(250 or 2 500 or 25 000 or 250 000)
- 5) 32 is not divisible by (4 or 8 or 5 or 2)
- 6) The common multiple of all numbers is
(0 or 1 or 2 or 3)
- 7) The H.C.F. for the numbers 8 and 12 is
(8 or 12 or 4 or 2)
- 8) $25 \times 4 \times 9 =$ (900 or 400 or 300 or 450)
- 9) The L.C.M. of 2 and 4 is (2 or 4 or 6 or 8)
- 10) The two intersecting lines make angles.
(0 or 4 or 2 or 3)
- 11) The triangle whose side lengths are 6 cm. , 5 cm. and 6 cm. is
triangle. (scalene or isosceles or equilateral)

Tests

- 12) The sum of measures of interior angles of a triangle =
(180° or 60° or 120° or 100°)
- 13) $3 \text{ m.}^2 = \dots\dots\dots \text{ cm.}^2$ (30 or 300 or 3 000 or 30 000)
- 14) The perimeter of a rectangle whose dimensions are 6 cm. and 4 cm.
is cm. (38 or 24 or 10 or 20)

2 Complete each of the following:

- 7 millions = thousands.
- is only even prime number.
- The million is the smallest number formed from digits.
- The measure of any angle of square equals $^\circ$
- 80 cm. = mm.
- If the perimeter of a square is 16 cm. , then its side length = cm.

3 Answer the following:

- $25\,219 + 4\,786 = \dots\dots\dots$
- $7\,689\,324 - 2 \text{ millions} = \dots\dots\dots$
- $(300 \div 3) \times 12 = \dots\dots\dots$ 4) $4\,590 \div 45 = \dots\dots\dots$

5) Arrange the following numbers in an ascending order :

4 001 769 , 4 170 069 , 4 031 769 and 4 millions

The order is : and

- 6) If 575 pupils in a school are distributed equally among 25 classes.
Find the number of pupils in each class.

The number of pupils in each class =

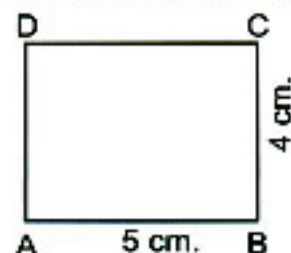
- 7) Find the perimeter of an equilateral triangle of side length 7 cm.
The perimeter of triangle =

8) In the opposite figure :

ABCD is a rectangle , complete :

a) $AD = \dots\dots\dots \text{ cm.}$

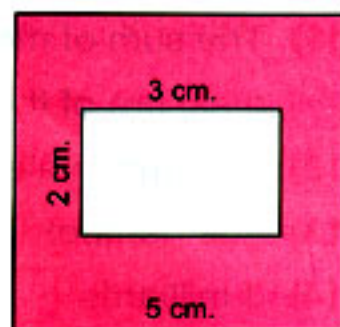
b) $AB \parallel \dots\dots\dots$



Tests

9) In the opposite figure:

Find the area of the shaded part , given that the outer shape is a square of side length 5 cm. and the inner shape is a rectangle of dimensions 3 cm. and 2 cm.



10) Draw triangle ABC in which :

AB = 4 cm. , BC = 3 cm.
and $m(\angle B) = 90^\circ$

Test 14

Luxor Governorate

Future L.S

1 Choose the correct answer:

- $2\,525 \div 25 = \dots\dots\dots$ (11 or 101 or 100)
- L.C.M. of the two numbers 10 and 20 is $\dots\dots\dots$ (10 or 5 or 20)
- $5\text{ dm}^2 = \dots\dots\dots\text{ cm}^2$. (5 or 50 or 500)
- If the measures of two angles of a triangle are 62° and 81° , then the triangle is $\dots\dots\dots$ angled-triangle. (right or obtuse or acute)
- The even prime number is $\dots\dots\dots$ (4 or 2 or 3)
- H.C.F. of the two numbers 4 and 8 is $\dots\dots\dots$ (4 or 8 or 2)
- $349\,241 + 650\,759 = \dots\dots\dots$
(hundred thousand. or million. or billion.)
- The area of the rectangle whose dimensions are 7 cm. and 5 cm.
 $= \dots\dots\dots\text{ cm}^2$. (24 or 12 or 35)
- The smallest number formed from the digits 4 , 1 , 0 , 3 , 2 and 9
is $\dots\dots\dots$ (123 490 or 943 210 or 102 349)
- The number 471 is divisible by the number $\dots\dots\dots$ (2 or 3 or 5)

Tests

- 11) The sum of measures of the interior angles of a triangle the measure of the straight angle. (< or = or >)
- 12) The quadrilateral has diagonals. (2 or 3 or 4)
- 13) The number is a multiple of 7 (17 or 27 or 56)
- 14) 3 milliards 300 millions (< or = or >)

2 Complete each of the following:

- 1) The value of the digit 4 in the number 5 463 789 is
- 2) The number which has only two different factors is called a
- 3) 2 metres , 45 centimetres = cm.
- 4) $760\ 843 - 254\ 627 =$
- 5) The two diagonals are equal in length and perpendicular in
- 6) A square of side length 5 cm. , its area = cm^2 .
- 7) is the smallest 6-digit number.
- 8) $4 \times 765 \times 25 =$
- 9) The number is divisible by 5 if its units digit is or
- 10) The number 15 has factors.
- 11) 3 milliard , 256 thousands , 156 =
- 12) The polygon which has 5 sides is called
- 13) Karim uses 5 tomatoes to make half a litre of tomato sauce , then he can make 2 litres from tomatoes.
- 14) The perimeter of the rectangle whose length is 6 cm. and its width is 4 cm. = cm.

3 Answer the following:

- 1) Find the H.C.F. and the L.C.M. for 12 and 18
- 12 =
- 18 =
-
- H.C.F. = =
- L.C.M. = =

Tests

- 2) Draw $\triangle XYZ$ in which $XY = 5$ cm. and $m(\angle X) = m(\angle Y) = 45^\circ$, then find:
- a) $m(\angle Z) = \dots\dots\dots$
- b) The type of the triangle according to the measures of its angles
-angled triangle
- 3) Reda bought a T.V. set for L.E. 4 420, he paid L.E. 500 in cash and the rest was divided into 14 equal installments. Find the value of each installment.
- The rest = = L.E.
- The value of each installment = = L.E.

Test 15

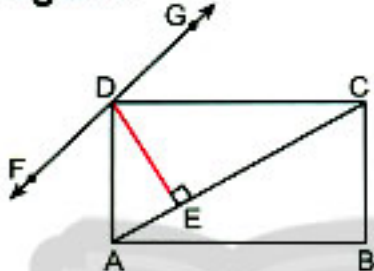
Menia Governorate

Gizera L.S

1 Choose the correct answer:

- 1) The numbers 2, 3, 5 and 7 are called numbers.
 (even or odd or prime)
- 2) The number is divisible by 5 and 3 (45 or 27 or 35)
- 3) A rectangle of dimensions 7 cm. and 4 cm., its perimeter
 = cm. (7 or 22 or 11)
- 4) The greatest number formed from the digits 3, 7, 5, 1, 2 and 9
 is (935 721 or 123 579 or 975 321)
- 5) 7×16 112 (< or = or >)
- 6) The number of sides of pentagon is (5 or 6 or 4)
- 7) $123\,457 + \dots\dots\dots =$ one million.
 (876 543 or 354 768 or 987 654)
- 8) L.C.M. of 5 and 7 is (75 or 35 or 27)
- 9) The triangle whose side lengths are 5 cm., 4 cm. and 5 cm. is called
 triangle. (equilateral or isosceles or scalene)
- 10) $32\,605\,108$ $23\,511\,998$ (> or = or <)

Tests

- 11) The number of factors of any prime number is
(1 or 3 or 2)
- 12) The place value of the digit 5 in the number 5 612 817 is
(thousands or millions or hundred thousands)
- 13) In the opposite figure:
 $\overline{DE} \perp$
- 
- (\overline{AC} or \overline{AD} or \overline{CD})
- 14) All angles are equal in measure in the
(parallelogram or rhombus or rectangle)

2 Complete each of the following:

- The factors of the number 21 are and
- $9\ 867 \div 23 =$
- $\frac{1}{2} \text{ km}^2 =$ m^2 .
- H.C.F. of the numbers 12 , 20 and 24 is
- The place value of the digit 8 in the number 83 156 472 is
- A teacher marks 10 of his pupil's tests every half hour , it takes his one and one-half hours to mark all his pupil's tests , then the number of pupils in his class = pupils.
- The number two milliard , three hundred forty-one millions , two hundred five thousand , seven hundred and sixteen in digits =
- is a common factor of all the numbers.
- The triangle whose measures of its angles are 50° , 60° and 70° is called angled triangle.
- The angles of the rectangle are
- The smallest number whose prime factors are 2 , 5 and 7 is
- The equilateral triangle is a triangle whose sides are

Tests

- 13) 8 063 000 = millions + thousands
- 14) Any two straight lines that never intersect are called
- 15) The value of the digit 4 in the number 5 463 789 is

3 Answer the following:

- 1) Find the H.C.F. and the L.C.M. for 12 and 18

A.

Draw a perpendicular from the point A
to the straight line \overleftrightarrow{BC}



- 2) Find the area of the square whose perimeter is 20 cm.
The side length of the square = = cm.
The area of the square = = cm^2 .
- 3) Ahmed bought a house for L.E. 2 458 796 and a car for L.E. 98 576. How much money did Ahmed pay?
Ahmed paid = = L.E.

Test 16

Luxor Governorate

Future L.S

1 Choose the correct answer:

- 1) Number of sides of any polygon does not equal number of its
(angles **or** diagonals **or** vertices)
- 2) The number of the factors of the prime number is
(one **or** two **or** three)
- 3) $567\,249 - 345\,671 = \dots\dots\dots$ (912 920 **or** 231 568 **or** 221 578)
- 4) A whole number is divisible by 3 if the sum of its digits is divisible by
(3 **or** 2 **or** 5)
- 5) L.C.M. of the numbers 6 and 10 is (60 **or** 15 **or** 30)
- 6) The area of the square whose side length 7 cm. = cm^2 .
(14 **or** 28 **or** 49)
- 7) The place value of the digit 9 in the number 9 456 386 372 is
(millions **or** hundred thousand)

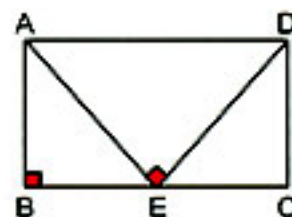
Tests

- 8) $2\,958 \div 34$ $2\,958 \div 87$ (< or = or >)
- 9) The polygon which has no diagonals is
(triangle or quadrilateral or hexagon)
- 10) The common multiple of all the numbers is (1 or 2 or 0)
- 11) The triangle whose side lengths are different in length is called
(equilateral or scalene or isosceles)
- 12) H.C.F. of the numbers 12 , 18 and 30 is (6 or 9 or 2)
- 13) The area of the rectangle whose dimensions 50 cm. and 40 cm.
= dm^2 . (2 000 or 200 or 20)
- 14) $3\,250 \div 14 = 232$, the remainder = (1 or 2 or 3)

2 Complete each of the following:

- 1) $34\,751\,981 =$ millions + thousands +
- 2) The smallest even number is
- 3) 5 dm. = cm. 4) $123 \times 15 =$
- 5) The two diagonals are equal in length in and
- 6) The common factor of all the numbers is
- 7) The value of the digit 4 in the number 2 475 629 is
- 8) The measure of each angle in the equilateral triangle is
- 9) $37 \times \star = 703$, then the value of $37 \times \star + 6 =$
- 10) The octagon is a polygon with sides.
- 11) The factors of the number 8 are
- 12) The side length of the square whose perimeter is 20 cm. = cm.
- 13) $3\,584\,559 + 793\,876 =$
- 14) $6\,\text{m}^2 =$ dm^2 .
- 15) In the opposite figure:

$\overline{AE} \perp$



3 Answer the following:

- Factorize the number 60 to its prime factors.
60 =
- Draw the rectangle XYZL in which $XY = 4$ cm. and $YZ = 3$ cm. , then draw the diagonal \overline{XZ} , complete:
 - $LZ = \dots\dots\dots = \dots\dots\dots$ cm.
 - $XZ = \dots\dots\dots$ cm.
 - $\overline{LX} \parallel \dots\dots\dots$
- In a certain year , the profit of one factory was L.E. 20 868 , if the profit is distributed equally among 37 workers.
Find the share of each worker.
The share of each worker = = L.E.



تابع جديد ذاكرولي على موقعنا
<https://www.zakrooly.com>

Test 17

Red sea Governorate

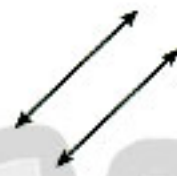
El Nozha L.S

1 Choose the correct answer:

- 8 km. = m. (80 or 800 or 8 000)
- The smallest number formed from the digits 4 , 1 , 0 , 3 , 2 and 9 is (123 490 or 943 210 or 102 349)
- is a prime number. (13 or 15 or 9)
- The quadrilateral whose four sides are equal in length is
(trapezium or rectangle or rhombus)
- The perimeter of the square of side length 5 cm. = cm.
(10 or 20 or 25)
- The number of factors of 12 the number of factors of 18
(< or = or >)
- - 2 351 479 = 5 514 783
(7 866 262 or 3 163 304 or 2 563 004)

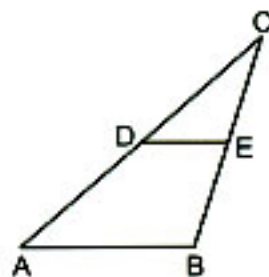
Tests

- 8) Here is a number sentence $4 \times \square < 17$
Which number could go in the \square to make sentence true?
(12 or 5 or 4)
- 9) H.C.F. for the two numbers 8 and 12 is (2 or 4 or 6)
- 10) The place value of the digit 5 in the number 25 761 483 is
(millions or millions or hundred thousands)
- 11) The triangle whose side lengths are 3 cm. , 7 cm. and 8 cm. is
..... triangle. (scalene or equilateral or isosceles)
- 12) The common factor of all the numbers is (0 or 1 or 2)
- 13) $11\,325 \div 25 = \dots\dots\dots$ (543 or 433 or 453)
- 14) In the opposite figure:
The two lines are
(intersecting and perpendicular or
intersecting and not perpendicular or parallel)



2 Complete each of the following:

- 1) The area of the rectangle = \times
- 2) The multiples of the number 7 which are less 30 are
- 3) Heptagon is a polygon of vertices.
- 4) 2 millions + 567 millions + 8 thousands + 13 =
- 5) L.C.M. for 8 and 6 is 6) $7\,000\text{ cm}^2 = \dots\dots\dots\text{ dm}^2$.
- 7) $463 \times 26 = \dots\dots\dots$
- 8) In the opposite figure:
a) $\overrightarrow{AB} \parallel \dots\dots\dots$
b) \overrightarrow{AD} and \overrightarrow{BE} intersect at the point
- 9) is the only even prime number.
- 10) The perimeter of the rectangle whose dimensions are 8 cm. and
7 cm. = cm.
- 11) $13\,104 \div 56 = \dots\dots\dots$, the remainder =



- 12) The common multiple of all the numbers is
- 13) Ten million , five hundred seventy-two thousand =
- 14) The measure of each angle of the equilateral triangle =°

3 Answer the following:

1) In the opposite figure:

Find the area of the shaded part.

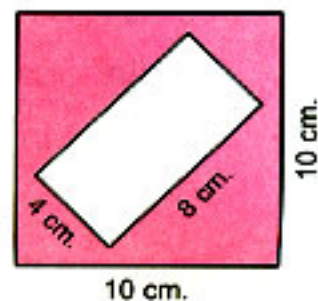
Ans. The area of the square =

= cm².

The area of the rectangle =

= cm².

The area of the shaded part = = cm².



2) 58 tourists paid L.E. 4 292 for tickets from Cairo to Luxor.

Find the price of one ticket.

The price of one ticket = = L.E.

3) Draw $\triangle LMN$ where $LM = MN = 5$ cm. and $m(\angle M) = 100^\circ$, then find by measuring $m(\angle L)$. $m(\angle L) = \dots^\circ$

Test 18

Matrouh Governorate

Al Resala L.S

1 Choose the correct answer:

- 1) The measure of each angle of the equilateral triangle is
(90° or 180° or 60°)
- 2) The number is divisible by 3 (53 or 63 or 73)
- 3) LC.M. of 16 and 8 is (16 or 8 or 4)
- 4) $708 \times 58 = \dots$ (4 164 or 41 064 or 40 356)
- 5) The number of sides of any polygon does not equal to the number of its
(diagonals or angles or vertices)
- 6) One hundred thousand , four hundred and sixty-seven =
(100 647 or 100 467 or 10 476)

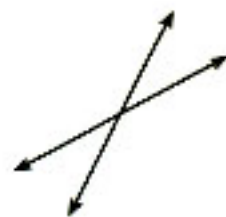
Tests

- 7) Hossam is older than Ali , and Ali is older than Omar.
Which statement must be true ?
(Hossam is older than Omar **or** Hossam is younger than Omar
or Hossam is the same age as Omar)
- 8) $563\,427 - 127\,162 = \dots\dots\dots$ ($436\,265$ **or** $426\,255$ **or** $436\,256$)
- 9) The diagonals of the square are
(equal in length and not perpendicular **or** perpendicular but not
equal in length **or** equal in length and perpendicular)
- 10) The prime number after the number 399 is
(400 **or** 401 **or** 403)
- 11) 5 million 500 000 ($<$ **or** $>$ **or** $=$)
- 12) The perimeter of the rectangle whose dimensions 8 cm. and 7 cm.
 $= \dots\dots\dots$ cm. (15 **or** 30 **or** 56)
- 13) The digit which represents million in the number 46 835 714 is
(6 **or** 8 **or** 3)
- 14) is one of the factors of the number 8 (16 **or** 4 **or** 20)
- 15) The two perpendicular straight lines form four angles.
(acute **or** right **or** obtuse)

2 Complete each of the following:

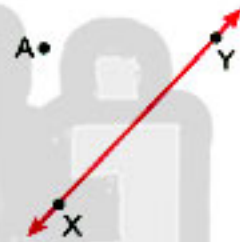
- 1) The number 3 milliard , 450 million , 473 thousand in digits is
- 2) 3 km. = m.
- 3) The only even prime number is
- 4) The diagonals of the parallelogram each other.
- 5) The place value of the digit 5 in the number 5 143 672 is
- 6) H.C.F. of 10 and 20 is
- 7) The type of the triangle whose side lengths are 7 cm. , 4 cm. and
7 cm. is
- 8) $3\,198 \div 13 = \dots\dots\dots$

- 9) The number 12 has factors.
- 10) The area of the square whose perimeter is 36 cm. = cm^2 .
- 11) $8\,752\,013 + 431\,815 =$
- 12) In the opposite figure:
The two lines are
- 13) is the smallest 7-digit number.
- 14) $8\,\text{dm}^2 =$ cm^2 .



3 Answer the following:

- 1) A runner covers 35 084 metres in 7 hours.
Calculate how long does he covers in one hour.
He covers in one hour = = m.
- 2) Draw a straight line parallel to \overleftrightarrow{XY} from the point A
- 3) Find H.C.F. and L.C.M. of 8 , 12 and 24
- 8 =
- 12 =
- 24 =
- H.C.F. = =
- L.C.M. = =



Test 19

W.Gadid Governorate

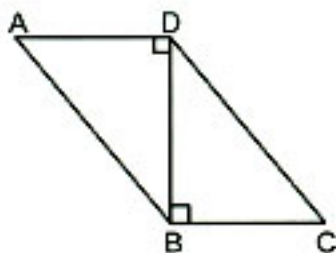
Saint Fatima L.S

1 Choose the correct answer:

- 1) The value of the digit 4 in the number 5 467 813 is
(40 000 or 400 000 or 4 000 000)
- 2) The smallest prime number is (2 or 3 or 5)
- 3) 1 km. 999 m. (< or = or >)

Tests

4) In the opposite figure:

 $\overline{AB} \parallel$ (\overline{BC} or \overline{BD} or \overline{CD})

5) 7 is a factor of

(17 or 28 or 27)

6) $\begin{array}{r} \text{*****} \\ 21 \overline{) 294} \end{array}$

(14 or 13 or 15)

7) The measure of any angle of a square equals

(45° or 90° or 150°)8) The length of the rectangle whose area is 24 cm^2 and its width is 4 cm. = cm.

(20 or 8 or 6)

9) Six millions 698 766 543($>$ or $=$ or $<$)

10) The number 6 is a multiple of the number (12 or 2 or 10)

11) All angles are equal in measure in the

(rhombus or parallelogram or rectangle)

12) $9\,256\,312 - 7\,056\,308 =$

(2 200 004 or 220 004 or 22 004)

13) The triangle whose side lengths are 6 cm. , 4 cm. and 7 cm. is triangle.

(scalene or equilateral or isosceles)

14) The number is divisible by both 2 and 5 (25 or 52 or 10)

15) The length of the rectangle whose perimeter is 40 cm. and its width is 8 cm. = cm.

(12 or 20 or 5)

2 Complete each of the following:

1) The smallest number formed from 7 digits is

2) The diagonals of the parallelogram each other.

3) H.C.F. of 10 and 15 is

4) The perimeter of the square of side length 7 cm. = cm.

5) $435 \times 23 =$

- 6) The common multiple of all number is
- 7) The probability of the impossible event =
- 8) The prime number whose sum of its factors = 6 is
- 9) The number 574 320 in letters is
- 10) The digit which represents milliard in the number 75 431 268 093 is
- 11) L.C.M. of the numbers 5 , 6 and 15 is
- 12) In the rectangle , the two diagonals are
- 13) $\frac{1}{2}$ km². = m².

3 Answer the following:

- 1) Draw $\triangle LMN$ right at M where $LM = 4$ cm. and $MN = 3$ cm. , then find:
 - a) The length of $LN =$ cm.
 - b) The type of the triangle LMN according to:
 - its angles measures. (.....-angled triangle)
 - its side lengths (.....)
- 2) A primary school is formed of 17 classes of 23 pupils each.
Calculate the total number of the pupils.
The total number of the pupils = = pupils.
- 3) Find the L.C.M. and the H.C.F. for the numbers $(2 \times 3 \times 5)$ and $(3 \times 5 \times 7)$
L.C.M. = =
H.C.F. = =

Test 20

Assiut Governorate

Resala L.S

1 Choose the correct answer:

- 1) The number is a multiple of 7 (17 or 14 or 10)
- 2) $897\ 652 - 657\ 487 =$ (24 165 or 240 165 or 240 138)

Tests

- 3) Which of these does not show a line of symmetry ?



- 4) The measure of the right angle the measure of the obtuse angle.

(< or = or >)

- 5) The number is the common multiple of all numbers.

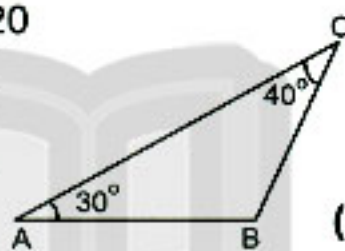
(0 or 1 or 2)

- 6) 624×20 $624 \div 20$

(< or = or >)

- 7) In the opposite figure:

$m(\angle ABC) =$



(90° or 100° or 110°)

- 8) $6\,829 \div 21 = 325$, the remainder =

(4 or 5 or 6)

- 9) Each whole number is divisible by itself except

(1 or 0 or 2)

- 10) $18\,000\,000\text{ m}^2 =$ km^2 .

(18 000 or 180 or 18)

- 11) The polygon which has 8 sides is called

(pentagon or heptagon or octagon)

- 12) is a factor of the number 35

(3 or 4 or 7)

- 13) $35 \times 19 = 35 \times 9 + 35 \times$

(1 or 10 or 18)

- 14) L.C.M. of the numbers 12 and 15 is

(3 or 30 or 60)

2 Complete each of the following:

- 1) The prime even number is

- 2) 5 m. = dm.

- 3) $4 \times 76 \times 25 =$

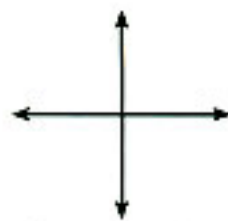
- 4) The diagonals of the rectangle are in length.

- 5) The smallest number formed from digits is billion.

- 6) The number whose prime factors are 2, 3 and 7 is

- 7) The value of the digit 3 in the number 315 762 =

- 8) The length of the rectangle whose area is 24 cm^2 , and its width is 4 cm . = cm .
- 9) In the opposite figure:
The two lines are
- 10) $5\,034\,567 + 3\,203\,456 = \dots\dots\dots$
- 11) The triangle whose measures of its angles are 50° , 60° and 70° is -angled triangle.
- 12) H.C.F. for 12 and 16 is
- 13) The number is divisible by 2 if its units digits is
- 14) One million , one thousand and ten =
- 15) $156 \div 13 = \dots\dots\dots$



3 Answer the following:

- 1) Arrange the following numbers in an ascending order
 $2\,778\,136$, $2\,561\,748$, $2\,900\,374$ and $2\,547\,216$
The order is: , and
- 2) Draw the square ABCD where $AB = 6 \text{ cm}$, then find its perimeter and its area.
The perimeter = = cm .
The area = = cm^2 .
- 3) Mariam bought 26 metres of cloth for L.E. 286
Find the price of 8 metres of the same type.
The price of one meter = = L.E.
The price of 8 metres = = L.E.

Test 21

Fayoum Governorate

Yehia Elrafey L.S

1 Choose the correct answer:

- 1) The number 15 is a common multiple for the two numbers
(2 , 5 or 3 , 4 or 5 , 3 or 4 , 5)

Tests

- 2) The diagonals are equal in length in
(square and rectangle **or** parallelogram and rectangle **or** rectangle and rhombus **or** square and rhombus)
- 3) The **place value** of the digit **5** in the number **5 612 816** is
(thousands **or** millions **or** tens **or** hundred thousands)
- 4) is a common multiple for all numbers.
(Zero **or** 1 **or** 10 **or** 100)
- 5) The milliard is the smallest number formed from digits.
(7 **or** 8 **or** 9 **or** 10)
- 6) The perimeter of a square whose area 36 cm^2 is
(24 cm. **or** 144 cm. **or** 1 296 cm. **or** 72 cm.)
- 7) L.C.M for the numbers **20** and **12** is (2 **or** 4 **or** 30 **or** 60)
- 8) The smallest prime number is (1 **or** 2 **or** 3 **or** 5)
- 9) $510\,309 + 7\,489\,691 =$
(8 milliards **or** 8 millions **or** 8 thousands **or** 8 hundreds)
- 10) If $45 \times 13 = 585$, then $589 = 45 \times 13 +$
(2 **or** 4 **or** 30 **or** 60)
- 11) If the perimeter of a square is **28 cm.**, then its side length is cm.
(7 **or** 14 **or** 4 **or** 12)
- 12) A rectangle, its dimensions are **3 cm.** and **7 cm.**, then its perimeter = cm.
(7 **or** 17 **or** 20 **or** 40)
- 13) Ten million, five hundred seventy two thousand =
(10 507 200 **or** 10 510 072 **or** 105 721 **or** 10 572 000)
- 14) The triangle whose lengths of its sides are **3 cm.**, **7 cm.** and **5 cm.** is
(scalene triangle **or** equilateral triangle **or** isosceles triangle)
- 15) The number is the common factor of all numbers
(0 **or** 2 **or** 3 **or** 1)

- 16) The geometric figure which its four sides equal in length is called
(trapezium or parallelogram or rhombus or rectangle)
- 17) The number is divisible by 3 (28 or 13 or 17 or 24)
- 18) L.C.M of 16 and 20 is (80 or 40 or 20 or 10)

2 Complete each of the following:

- The number 3 milliard , 45 million , 473 thousand is written in digits as
- The prime number whose sum of its factors 6 is
- The prime number has only factors
- $3 \text{ m.}^2 = \dots\dots\dots \text{ dm.}^2$
- $\frac{1}{3}$ of a day = hours.
- If the dimensions of a door in the form of a rectangle are 180 cm. and 10 dm. , then its perimeter = cm.
- The smallest number formed from 7 digits from the digits 5 , 8 , 4 , 7 , 0 , 2 and 3 is
- The area of the square whose side length 5 cm. is cm.^2
- The value of the digit 3 in the number 3 721 014 is
- The two diagonals are equal in length in and
- The million is the smallest number formed from digits
- 11 , 16 , 21 , 26 , , , (in the same pattern)
- The value of the digit 4 in the number 5 467 813 is
- In the rectangle , each two opposite sides are in length
- The rectangle whose dimensions are 8 cm. and 6 cm. , its perimeter = cm.
- The H.C.F of the two numbers 12 and 16 equals

3 Answer the following:

- 1) Complete using (< , > or =):

a) 4 m.^2

400 cm.^2

b) 8 dm.

80 cm.

Tests

- c) 5 km. 5 000 m. d) 6 000 6 millions
 e) 3×14 $90 \div 2$ f) $\frac{1}{6}$ of a day 12 hours
 g) 3 milliard 475 956 432
 h) $\frac{1}{2}$ km. 300 m.
 i) $7\,423\,856 - 5\,018\,738$ $2\,415\,117$

2) Find the result of each of the following:

- a) $8\,752\,013 + 439\,815 = \dots\dots\dots$
 b) $7\,256\,312 - 7\,056\,300 = \dots\dots\dots$
 c) $436 \times 59 = \dots\dots\dots$ d) $15\,408 \div 36 = \dots\dots\dots$

3) Draw $\triangle ABC$ in which $AB = 6$ cm. , $m(\angle B) = 60^\circ$ and $BC = 4$ cm. , then:

- a) By using the ruler , find the length of \overline{AC}
 b) State the type of $\triangle ABC$ according to its side lengths

4) Hazem bought 26 books from the book fair of series animal world , if the price of one book is P.T 725. Find out the money that Hazem paid

Ans. The money that Hazem paid = $\dots\dots\dots \times \dots\dots\dots = \text{P.T.} \dots\dots\dots$

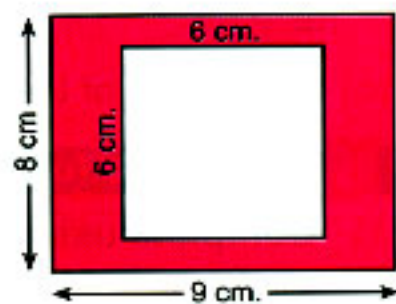
5) Find the greatest and the smallest number formed from 6 digits using the following digits: 7 , 0 , 2 , 5 , 9 and 4 , then calculate the difference between them.

Ans. The greatest number = $\dots\dots\dots$
 The smallest number = $\dots\dots\dots$
 The difference between them = $\dots\dots\dots - \dots\dots\dots = \dots\dots\dots$

6) In the opposite figure:

Find the area of the shaded part

Ans. Area of square = $\dots\dots\dots \text{cm}^2$
 Area of rectangle = $\dots\dots\dots \text{cm}^2$
 The area of the shaded part
 = $\dots\dots\dots - \dots\dots\dots = \dots\dots\dots \text{cm}^2$



Test 22

N.Sinai Governorate

Hafez Ibrahim L.S

1 Choose the correct answer:

- 1) is divisible by 2 and 3 (10 or 18 or 21)
- 2) $32\ 605\ 108$ $23\ 511\ 998$ (> or < or =)
- 3) All the numbers are divisible by 2
(odd or even or prime)
- 4) The H.C.F of 8 and 12 is (2 or 4 or 8)
- 5) $25 \times 7 \times 4 =$ (36 or 700 or 179)
- 6) The triangle whose side lengths are 6 cm. , 3 cm. and 6 cm. is
(scalene triangle or equilateral triangle or isosceles triangle)
- 7) One hundred thousand , three hundred and seventy-five is
(10 315 or 100 375 or 1 375)
- 8) The greatest number formed from the digits 4 , 1 , 5 , 3 , 2 and 9 is
(45 321 or 123 459 or 954 321)
- 9) The smallest prime number is (1 or 0 or 2)
- 10) The value of the digit 4 in the number 546 789 is
(40 000 or 4 000 or 400 000)
- 11) The perimeter of square whose side length 3 cm. =
(9 cm. or 6 cm. or 12 cm.)
- 12) 105 is divisible by (2 , 3 or 5 , 2 or 5 , 3)
- 13) 4×25 $100 \div 2$ (> or < or =)
- 14) H.C.F. for the two numbers 18 and 30 is
(18 or 9 or 6 or 3)
- 15) If the measures of two angles of a triangle are 62° and 81° , then
this triangle is - angled triangle
(right or acute or obtuse)

Tests

2 Complete each of the following:

- 1) The smallest number formed from 8 digits is
- 2) The value of the digit 8 in the number 147 385 is
- 3) 59 million , 42 thousand , 63 =
- 4) The H.C.F for 12 and 30 is
- 5) The sum of the measures of the interior angles of a triangle is°
- 6) The multiples of the number 6 that included between 30 and 45 are and
- 7) The rectangle is a parallelogram in which their angles are
- 8) $5\,600\text{ dm}^2 = \dots\dots\dots\text{ m}^2$
- 9) is the common multiple for all numbers
- 10) The perimeter of the square = \times
- 11) The number 3 million , 132 thousand , 81 in digits is
- 12) The value of the digit 3 in the number 21 538 006 is
- 13) L.C.M. for the two numbers 7 and 3 is
- 14) The polygon of 5 sides is called
- 15) The measure of the right angle =°
- 16) $5\,348\,475 - 3\text{ hundred thousands} = \dots\dots\dots$
- 17) The number of the factors of the prime number is
- 18) The diagonals of the parallelogram each other
- 19) $2\,565\,178 - \text{one million} = \dots\dots\dots$
- 20) $50 \times 600 = \dots\dots\dots\text{ tens}$
- 21) $24\,180 \div 60 = \dots\dots\dots$
- 22) The factors of the number 8 are
- 23) The triangle whose side lengths are different is called
- 24) L.C.M of the two numbers 24 and 18 is
- 25) The diagonals of the square are and
- 26) Number of vertices of the hexagon is
- 27) The number which has only two factors is called

28) The diagonals of the rectangle are in length.

29) 5 dm. = cm.

3 Answer the following:

تابع جديد زاكروولي على
فيسبوك
تويتر
والسناب
تليجرام

1) Put the suitable relation ($<$, $>$ or $=$):

- | | | |
|-----------------------------|----------------------|--------------------|
| a) 360 cm. | <input type="text"/> | 6 m. |
| b) $356\,705 + 3\,622\,195$ | <input type="text"/> | 8 millions |
| c) $7200 \div 3$ | <input type="text"/> | 60×40 |
| d) 75 thousands | <input type="text"/> | 750 hundreds |
| e) 3 milliards | <input type="text"/> | 965 752 812 |
| f) 83 dm.^2 | <input type="text"/> | 840 cm.^2 |

2) Find the result of:

- | | |
|--|------------------------------|
| a) $17\,620 + 5\,356 =$ | b) $267 \times 18 =$ |
| c) $5\,034\,567 + 3\,203\,456 =$ | d) $235 \times 85 =$ |
| e) $893\,756 - 431\,877 =$ | f) $70\,070 \div 35 =$ |

3) A hotel contains 192 rooms divided equally by a number of floors , each floor contains 16 rooms. How many floors are there in this hotel?

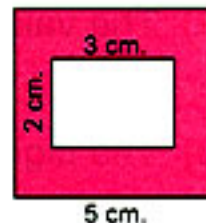
Ans. Number of floors = \div = floors.

4) Draw $\triangle ABC$ where $AB = AC = 5\text{ cm.}$ and $m(\angle A) = 60^\circ$, then find:

- | | |
|--|---------------------------------|
| a) Length of \overline{BC} | b) Perimeter of $\triangle ABC$ |
| c) Type of this triangle according to the lengths of its sides | |

5) In the opposite figure:

Find the area of the shaded part , the outer shape is a square of side length 5 cm. and the inner shape is a rectangle of dimensions 3 cm. and 2 cm.



Ans. The area of rectangle = \times = cm.^2

The area of square = \times = cm.^2

The area of the shaded part = - = cm.^2

Tests

Test 23

W.Gadid Governorate

Horreya L.S

1 Choose the correct answer:

- 1) $950\ 000 - 324\ 067 = \dots\dots\dots$ ($324\ 076$ or $625\ 933$ or $675\ 933$)
- 2) The number **2 100** is divisible by $\dots\dots\dots$ (7 or 11 or 13)
- 3) $\triangle XYZ$ in which $m(\angle X) = 40^\circ$, $m(\angle Y) = 30^\circ$, then $\triangle XYZ$ is (a / an) $\dots\dots\dots$ (acute-angled triangle or right-angled triangle or obtuse-angled triangle)
- 4) The number **108** is divisible by the two prime numbers **3** and $\dots\dots\dots$ (5 or 7 or 2)
- 5) The number $\dots\dots\dots$ is prime number (9 or 11 or 12)
- 6) $8 \times 641 \times 125 = \dots\dots\dots$ (641 thousands or 641 hundreds or 641 millions)
- 7) The smallest odd prime number is $\dots\dots\dots$ (0 or 1 or 3)
- 8) 45 tens = $\dots\dots\dots$ (45 or 450 or $4\ 500$)
- 9) $\dots\dots\dots$ is the smallest number divisible by each of **2** and **5**. (5 or 10 or 20)
- 10) All the sides are equal in length in the $\dots\dots\dots$ (square or rectangle or parallelogram)
- 11) The area of the rectangle whose dimensions are **3 cm.** and **5 cm.** is $\dots\dots\dots$ (16 cm.^2 or 15 cm.^2 or 8 cm.^2)
- 12) The value of the digit **8** in the number **437 839 562** is $\dots\dots\dots$ (800 or 80 or $800\ 000$)
- 13) The digit which represents million in **72 548 936** is $\dots\dots\dots$ (7 or 2 or 5)
- 14) In $\triangle ABC$, if $m(\angle A) = m(\angle B) = 45^\circ$, then it is called $\dots\dots\dots$ -angled triangle. (acute or right or obtuse)
- 15) The H.C.F. of **5** and **15** is $\dots\dots\dots$ (15 or 3 or 5)

Tests

- 16) The rectangle whose dimensions are 7 cm. and 3 cm. , its perimeter =
(20 cm². or 21 cm. or 20 cm.)
- 17) All the numbers are not divisible by 2
(even or odd or prime)
- 18) The sum of measures of the interior angles of any triangle =
(108° or 90° or 180°)
- 19) 5 milliard 1 912 875 643
(< or > or =)

2 Complete each of the following:

- 1) 94 million , 35 thousand , 15 =
- 2) The value of the digit 3 in the number 3 721 014 =
- 3) The H.C.F. of the two numbers 16 and 24 =
- 4) The L.C.M. of the two numbers 14 and 10 =
- 5) 465 276 + three hundred thousands =
- 6) The side length of the square whose perimeter 36 cm. =
- 7) 7 288 316 - 6 millions =
- 8) The value of the digit 4 in the number 354 267 198 =
- 9) The L.C.M. for two numbers 12 and 16 is
- 10) $4 \times 765 \times 25 = \dots\dots\dots$ 11) $300 \times 500 = \dots\dots\dots$
- 12) In $\triangle ABC$, $m(\angle A) = 60^\circ$, $m(\angle B) = 70^\circ$, then $m(\angle C) = \dots\dots\dots^\circ$
- 13) H.C.F. for the two numbers 20 and 30 is
- 14) The prime even number is
- 15) 5 million , 75 thousand , 250 =
- 16) The factors of the number 15 are
- 17) In the rectangle , all angles are

3 Answer the following:

- 1) Put the suitable relation (< , > or =):
- a) $3\,407\,805 + 3\,592\,195$ 7 hundred thousands
- b) 3 m.^2 30 000 cm.²

Tests

c) $9\,200 \div 4$

60×40

d) $44\,302 + 5\,698$

50 thousands

e) 4 metres

40 000 cm.

f) 999

50×20

g) 100 thousands

100 ten thousands

h) 580 600 718

580 600 708.

i) The measure of the acute angle the measure of the right angle.

j) The perimeter of a square whose side length 4 cm.
the perimeter of a rectangle whose dimensions 35 dm. and 45 dm.

2) a) Find the H.C.F for the two numbers 54 and 72

Ans. H.C.F. =

b) Arrange the following numbers in an ascending order:

41 328 , 43 182 , 42 138 and 42 183

3) a) Find the smallest number divisible by 2 , 3 and 5

Ans. The smallest number = \times \times =

b) Nada bought 25 metres of cloth , the price of one meter is P.T. 475. How much money did Nada pay ?

Ans. The price of 25 metres = \times = P.T.

4) Which is greater ?

The area of the square of side length 6 cm. or the area of the rectangle whose dimensions are 5 cm. and 7 cm.

Ans. The area of the square =

The area of the rectangle =

So, The area of the > the area of the

Tests

- 5) a) Draw $\triangle ABC$ in which $AB = BC = 4 \text{ cm}$, $m(\angle B) = 60^\circ$, then find:
- 1) The length of \overline{AC}
 - 2) The type of the triangle according to the measures of its angles.
- b) Sally bought 26 metres of cloth for L.E 286, find the price of 8 metres of the same kind.

Ans. The price of one meter = \div = L.E.

The price of 8 metres = \times = L.E.

- 6) a) Find the quotient of $19\,836 \div 6$ (without using the calculator)

- b) Find L.C.M of the two numbers $(5 \times 4 \times 11)$, $(5 \times 6 \times 11)$

Ans. L.C.M = \times \times \times =

Test 24

W.Gadid Governorate

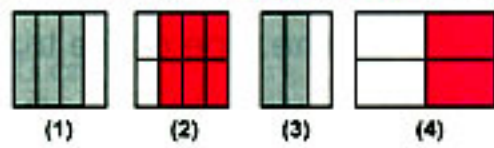
Saint Fatima L.S

1 Choose the correct answer:

- 1) One milliard is the smallest number formed from digits
(6 or 9 or 10)
- 2) The sum of measures of the interior angles of the triangle =
(108° or 180° or 90°)
- 3) 536 is divisible by (2 or 3 or 5)
- 4) $32\,615\,128$ $23\,511\,998$ (> or = or <)
- 5) 800 dm^2 8 m^2 . (< or > or =)
- 6) The two perpendicular straight lines form four angles
(acute or right or obtuse)
- 7) All sides are equal in length in
(rhombus or parallelogram or rectangle)
- 8) $756 \div 18 =$ (43 or 42 or 32)
- 9) The number is a prime number (17 or 21 or 25)
- 10) The area of the square whose side length is 3 cm. = cm^2 .
(12 or 6 or 9)

Tests

- 11) The common factor of all numbers is (0 or 1 or 2)
- 12) The number of factors of the number 12 is (12 or 6 or 4)
- 13) Each figure represents a fraction.
Which two figures represent the same fraction ?
(1 and 2 or 1 and 4 or 2 and 3)



2 Complete each of the following:

- 1) The place value of the digit 5 in the number 257 943 is
- 2) L.C.M. for the numbers 8 and 12 is
- 3) The quadrilateral is a polygon with sides
- 4) 7 km. = m.
- 5) 5 millions , 75 thousands , 250 =
- 6) is the common multiple for all numbers
- 7) A rectangle of dimensions 6 cm. and 4 cm. , then its area = cm².
- 8) 250 dm. = m.
- 9) H.C.F. for the numbers 24 and 30 is
- 10) The smallest prime number is
- 11) The triangle whose side lengths are 4 cm. , 4 cm. and 5 cm. is called triangle.
- 12) The greatest number formed from the digits 7 , 1 , 2 , 5 , 8 and 4 is
- 13) $267 \times 18 = \dots\dots\dots$
- 14) $64\,751\,324 - 15\,371\,482 = \dots\dots\dots$
- 15) $760\,843 + 214\,534 = \dots\dots\dots$

لا تفسد الاشتراك في
قنوات ذاكرولي
على تطبيق التلجرام

3 Answer the following:

- 1) A hotel contains 192 rooms divided equally by a number of floors ,each floor contains 16 rooms. How many floors are there in this hotel ?
The number of the floors = = floors

Tests

- 2) The perimeter of a square is 32 cm. , find its area.
 The side length of the square = = cm.
 The area of the square = = cm².
- 3) Draw the triangle ABC in which $AB = BC = 5$ cm.
 and $m(\angle B) = 60^\circ$, then find :
 a) The length of \overline{AC} = cm.
 b) The perimeter of the triangle ABC = = cm.
 c) The type of the triangle ABC according to its side lengths.
 (..... triangle)

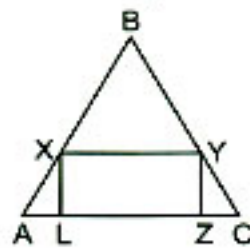
Test 25

Ismailia Governorate

Hafez Ibrahim L.S

1 Choose the correct answer:

- 1) The number is the common multiple of all the numbers
 (1 or 0 or 2)
- 2) The four sides of a are equal in length
 (rectangle or parallelogram or rhombus)
- 3) $246 \times 12 =$ (3 198 or 2 952 or 5 166)
- 4) The number of factors of the prime number is
 (1 or 2 or 3)
- 5) 3 km. = m. (30 or 300 or 3000)
- 6) The number is divisible by 3 (417 or 424 or 428)
- 7) $3\,407\,805 + 3\,592\,195$ 7 hundred thousands
 (< or = or >)
- 8) The measure of any angle of the square =
 (45° or 90° or 180°)
- 9) In the opposite figure:
 $\overrightarrow{XY} \parallel$

(\overrightarrow{AB} or \overrightarrow{YZ} or \overrightarrow{AC})

Tests

- 10) The million is the smallest number formed from digits
(7 or 8 or 9)
- 11) is a prime number between 30 and 40 (33 or 37 or 39)
- 12) The perimeter of the square whose side length is 5 cm.
= cm. (25 or 15 or 20)
- 13) There are 54 marbles and they are put into 6 bags , so that the same number of marbles is in each bag. How many marbles would 2 bags contain ? (108 marbles or 18 marbles or 15 marbles)
- 14) $900\ 000 - 764\ 583 =$ (138 479 or 235 417 or 135 417)
- 15) 5 dm^2 . 50 cm^2 . (< or = or >)
- 16) The number is the closest to one milliard from the following numbers. (1 000 000 090 or 999 999 990 or 1 100 000 000)

2 Complete each of the following:

- 1) The place value of the digit 7 in the number 6 749 321 is
- 2) The sum of measures of the interior angles of the right-angled triangle is°
- 3) The number is divisible by 2 if its units digit is
- 4) The factors of 6 are, and
- 5) The perimeter of the rectangle whose dimensions are 7 cm. and 5 cm. = cm.
- 6) H.C.F. of the numbers 20 and 24 is
- 7) 6 milliards + 54 millions + 213 thousands + 781 =
- 8) In the parallelogram , each two opposite sides are and
- 9) The square metre (m^2 .) is a unit of measuring used to measure the
- 10) The greatest 7-digit number is
- 11) L.C.M. of the two numbers 6 and 10 is
- 12) The polygon which has five sides is called

13) $1\ 024 \div 32 = \dots\dots\dots$

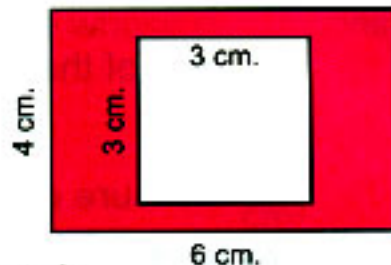
14) $3\ 498 \div \dots\dots\dots = 53$

3 Answer the following:

1) In the opposite figure:

Find the area of the shaded part

The area of the rectangle = $\dots\dots\dots$
 $= \dots\dots\dots \text{ cm}^2$.

The area of the square = $\dots\dots\dots = \dots\dots\dots \text{ cm}^2$.The area of the shaded part = $\dots\dots\dots = \dots\dots\dots \text{ cm}^2$.

2) If 576 pupils in a school are divided equally among 16 classes.

Find the number of pupils in each class.

The number of pupils in each class = $\dots\dots\dots = \dots\dots\dots$ pupils3) Draw the rectangle ABCD in which $AB = 5 \text{ cm}$. and $BC = 3 \text{ cm}$. , then find the length of each \overline{AD} and \overline{CD} a) The length of $\overline{AD} = \dots\dots\dots \text{ cm}$.b) The length of $\overline{CD} = \dots\dots\dots \text{ cm}$.

Test 26

Alexandria Governorate

Hafez Ibrahim L.S

1 Choose the correct answer:

1) Laila worked 57 hours in March , 62 hours in April and 59 hours in May. Which of these is the best estimate of the total number of hours she worked for three months ?

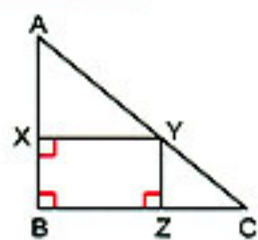
(50 + 50 + 50 or 55 + 55 + 55 or 60 + 60 + 60)

2) The number $\dots\dots\dots$ is divisible by 3 (428 or 741 or 142)3) $\dots\dots\dots$ is the common multiple for all numbers (Zero or 1 or 2)4) $5\ 761\ 428 - 1\ 934\ 386 = \dots\dots\dots$

(3 825 142 or 3 827 042 or 7 695 814)

Tests

5) In the opposite figure:

 $\overline{YZ} \perp \dots\dots\dots$ (\overline{AC} or \overline{AB} or \overline{BC})

- 6) The area of the square whose side length is 5 cm. is cm^2 .
(20 or 25 or 15)
- 7) The measure of the right angle = $^\circ$ (90 or 180 or 60)
- 8) 3 milliards 475 956 843 (< or = or >)
- 9) The triangle whose side lengths are equal in length is called
triangle (isosceles or equilateral or scalene)
- 10) 630 cm. 7 m. (< or = or >)
- 11) H.C.F. of the two numbers 27 and 36 is (3 or 6 or 9)
- 12) Every even number is divisible by (0 or 2 or 3)
- 13) The geometric figure which its four sides are equal in length is called
(rectangle or parallelogram or rhombus)
- 14) Number of vertices of hexagon Number of vertices of octagon
(< or = or >)

2 Complete each of the following:

- 1) The polygon of 7 sides is called
- 2) is a common factor of all numbers.
- 3) 4 millions , 25 thousands and 706 =
- 4) In the parallelogram , each two opposite angles are
- 5) The perimeter of the square = \times
- 6) L.C.M. of the two numbers 4 and 6 is
- 7) The smallest prime number is
- 8) The value of the digit 7 in the number 758 214 is
- 9) In any triangle , there are at least acute angles
- 10) The factors of the number 9 is , and

Tests

11) $6 \text{ dm}^2 = \dots \text{ cm}^2$.

12) $3\,485 \div 17 = \dots$

13) $362\,382 + 254\,755 = \dots$

14) $235 \times 45 = \dots$

3 Answer the following:

- 1) Calculate the perimeter and the area of the rectangle whose dimensions are 6 cm. and 4 cm.

The perimeter of the rectangle = $\dots = \dots \text{ cm}$.

The area of the rectangle = $\dots = \dots \text{ cm}^2$.

- 2) Draw $\triangle ABC$ in which $m(\angle A) = 60^\circ$, $m(\angle B) = 30^\circ$ and $AB = 8 \text{ cm}$. , then find :

a) The length $\overline{AC} = \dots \text{ cm}$. b) $m(\angle C) = \dots^\circ$

c) The type of the triangle according to the measures of its angles (..... - angled triangle)

- 3) Mariam bought 25 metres of cloth , the price of one meter is P.T. 475. Find the price of the cloth she bought.

The price of the cloth = $\dots = \text{P.T.} \dots$

Test 27

Port Said Governorate

Elwy L.S

1 Choose the correct answer:

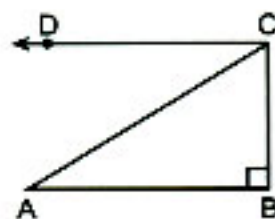
- 1) The smallest prime number is (0 or 1 or 2)
- 2) The weight of a clothes pin is 9.2 gm. Which of these is the best estimate of the total weight of 1 000 clothes pins ?
(900 gm. or 9000 gm. or 90 000 gm.)
- 3) The number is divisible by each of 2 and 5
(72 or 100 or 25)
- 4) The quadrilateral whose four angles are equal in measure is
(trapezium or rhombus or rectangle)
- 5) $2 \text{ dm} = \dots \text{ cm}$. (2 or 20 or 200)

Tests

- 6) The two perpendicular straight lines form four angles.
(acute **or** right **or** obtuse)
- 7) The value of the digit 7 in the number 5 127 092 is
(7 000 **or** 70 000 **or** 700 000)
- 8) The triangle whose side lengths are 3 cm. , 7 cm. and 5 cm. is
(a/an) triangle. (equilateral **or** isosceles **or** scalene)
- 9) The number of factors of the number 8 is (8 **or** 6 **or** 4)
- 10) $435\,859 + 279\,368 = \dots\dots\dots$ (675 227 **or** 156 491 **or** 715 227)
- 11) is a common multiple for all numbers. (0 **or** 1 **or** 5)
- 12) The number whose prime factors are 2 , 3 and 5 is
(10 **or** 15 **or** 30)
- 13) The hexagon is a polygon with sides. (a **or** 6 **or** 8)

2 Complete each of the following:

- 1) The sum of the measures of the interior angles of a triangle =^o
- 2) The perimeter of the rectangle whose dimensions are 12 cm. and 8 cm. is cm.
- 3) 5 100 hundreds = thousands.
- 4) 43 millions , 52 thousands and 9 = (in digits)
- 5) The factors of the number 25 are , and
- 6) The measure of the right angle =^o
- 7) The place value of the digit 4 in the number 4 561 789 320 is
- 8) Each even number is divisible by the number
- 9) is a common factor for all numbers.
- 10) The two intersecting straight lines intersect at
- 11) $9\,180 \div 45 = \dots\dots\dots$
- 12) In the opposite figure:
 $\overrightarrow{CD} \parallel \dots\dots\dots$
- 13) $5\,000\text{ dm}^2 = \dots\dots\dots\text{ m}^2$.



14) $3 \text{ millions} - 1\,524\,327 = \dots\dots\dots$

15) $457 \times 34 = \dots\dots\dots$



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<https://www.zakrooly.com>

3 Answer the following:

- 1) Draw the square ABCD in which $AB = 5 \text{ cm}$, then calculate its perimeter and its area.

The perimeter = $\dots\dots\dots$ = $\dots\dots\dots \text{ cm}$.

The area = $\dots\dots\dots$ = $\dots\dots\dots \text{ cm}^2$.

- 2) Find H.C.F. and L.C.M. of the two numbers 8 and 12

8 = $\dots\dots\dots$

12 = $\dots\dots\dots$

H.C.F. = $\dots\dots\dots$ = $\dots\dots\dots$

L.C.M. = $\dots\dots\dots$ = $\dots\dots\dots$

- 3) Bassem bought 26 metres of cloth for L.E. 286.

Find the price of the meter of the cloth.

The price of the meter of the cloth = $\dots\dots\dots$ = L.E. $\dots\dots\dots$

Test 28

Sharkia Governorate

Horreya L.S

1 Choose the correct answer:

- 1) The place value of the digit 8 in 58 679 214 is $\dots\dots\dots$
 (thousands or million or hundred)
- 2) $\dots\dots\dots$ is divisible by 2 , 3 and 5. (10 or 15 or 30)
- 3) If the side length of a square is 6 cm. , then its area = $\dots\dots\dots \text{ cm}^2$
 (36 or 12 or 24)
- 4) The smallest prime number is $\dots\dots\dots$ (1 or 2 or 5)
- 5) The smallest even number is $\dots\dots\dots$ (0 or 1 or 2)
- 6) The greatest number formed from the digits 4 , 1 , 5 , 3 , 2 and 9
 is $\dots\dots\dots$ (954 321 or 123 459 or 54 321)



Tests

- 7) The number is divisible by each of 2 and 5
(72 or 100 or 25)
- 8) The quadrilateral whose four sides are equal in length is
(trapezium or rectangle or rhombus)
- 9) is the smallest odd prime number. (2 or 3 or 6)
- 10) The two perpendicular straight lines form four angles.
(acute or right or straight)
- 11) 2 dm. = cm. (2 or 200 or 20)
- 12) If the measures of two angles of a triangle are 62° and 81° , then the triangle is-angled triangle. (right or obtuse or acute)

2 Complete each of the following:

- 1) In $\triangle ABC$: $m(\angle A) = m(\angle B) = 45^\circ$, then $m(\angle C) = \dots^\circ$
- 2) 9 million , 548 thousands and 81 in digits is
- 3) The factors of the number 18 are
- 4) H.C.F. of the two numbers 12 and 16 equals
- 5) The place value of the digit 5 in the number 256 734 is
- 6) All factors of 12 are and
- 7) L.C.M. for the numbers 8 and 12 is
- 8) The multiples of 6 are
- 9) A quadrilateral is a polygon with sides.
- 10) is a common factor of all the numbers.
- 11) In any triangle , there are at least acute angles.
- 12) The number is divisible by 5 if its units digit is or

3 Answer the following:

- 1) Compare using ($<$, $>$ or $=$):

a) $7\,423\,856 - 5\,018\,738$ $2\,415\,117$

b) Perimeter of a square whose side length is 4 m.

Perimeter of a rectangle whose dimensions are 50 dm. and 45 dm.

- c) Area of a square whose side length is 6 cm. area of a rectangle whose dimensions are 9 cm. and 4 cm.
- d) The measure of the acute angle the measure of the right angle
- e) $720 \div 9$ $(72 \div 9) \times 10$ f) 9 km. 8 000 m.
- g) $44\,302 + 5\,698$ 50 thousands

2) Find the result of:

- a) $1\,398\,567 + 720\,985 = \dots\dots\dots$
- b) $987\,659 - 657\,487 = \dots\dots\dots$
- c) $225 \times 12 = \dots\dots\dots$ d) $1\,024 \div 32 = \dots\dots\dots$

3) In a school, if 798 pupils are distributed equally among 19 classes. Find the number of pupils in each class.

Ans. The number of pupils in each class = $\dots\dots\dots \div \dots\dots\dots = \dots\dots\dots$ pupils

4) Factorize the two numbers 24 and 30 to their prime factors, then find H.C.F. and L.C.M.

Ans. H.C.F. = $\dots\dots\dots = \dots\dots\dots$
L.C.M. = $\dots\dots\dots = \dots\dots\dots$

5) Draw the triangle ABC in which $AB = 6$ cm., $m(\angle B) = 70^\circ$ and $m(\angle A) = 40^\circ$, then find:

- a) $m(\angle C) = 180^\circ - (\dots\dots\dots^\circ + \dots\dots\dots^\circ) = \dots\dots\dots^\circ$
- b) The type of the triangle with respect to its side lengths.

Ans. $\triangle ABC$ is an $\dots\dots\dots$ triangle

Test 29


Matrouh Governorate

Al Resala L.S

1 Choose the correct answer:

- 1) The smallest prime number is $\dots\dots\dots$ (2 or 3 or 4)
- 2) The common factor of all numbers is $\dots\dots\dots$ (1 or 0 or 2)
- 3) H.C.F. of 12 and 18 is $\dots\dots\dots$ (12 or 6 or 36)

Tests

- 4) The perimeter of a square of side length 5 cm. is cm.
(20 or 25 or 10)
- 5) The number is a prime number. (13 or 15 or 9)
- 6) The **value** of the digit 7 in the number 5 127 092 is
(70 or 700 or 70 000 or 7 000)
- 7) 8 km. = m. (80 or 800 or 8 000)
- 8) The **smallest** number formed from the digits 4 , 1 , 0 , 3 , 2 and 9
is (123 490 or 943 210 or 102 349)
- 9) The triangle whose side lengths are 5 cm. , 7 cm. and 5 cm. is
(a / an) triangle. (scalene or equilateral or isosceles)
- 10) The rectangle whose dimensions are 7 cm. and 3 cm. , then its
perimeter is cm. (7 or 17 or 20 or 40)
- 11) The **place value** of the digit 5 in the number 5 612 816 is
(thousands or millions or tens or hundred thousands)
- 12) The number is divisible by each of 2 and 5
(75 or 25 or 100)
- 13) The suitable unit for calculating areas of the walls in a house is
..... (m. or cm.² or km.² or m.²)
- 14) The figure  is called
(rhombus or parallelogram or trapezium)

2 Complete each of the following:

- 1) The factors of 9 are , and
- 2) The number which has only two different factors is called a
- 3) Pentagon is a polygon of sides.
- 4) The **value** of 3 in the number 395 271 is
- 5) 143 751 222 = + thousands + millions
- 6) The common multiple of all numbers is
- 7) The smallest **even** number is

- 8) 5 millions , 75 thousands , 250 =
 9) 5 dm. = cm. 10) L.C.M. of 4 and 6 is

3 Answer the following:

- 1) Put the suitable relation ($<$, $>$ or $=$):

- a) 43 dm. 430 cm.
 b) The number of factors of 12 the number of factors of 18.
 c) The measure of the right angle the measure of the obtuse angle
 d) The perimeter of a rectangle with dimensions 4 cm. , 3 cm. the perimeter of an equilateral triangle whose side length is 7 cm.
 e) The common factor of all numbers the common multiple of all numbers

- 2) Find the result:

a)
$$\begin{array}{r} 349241 \\ + 478309 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 967539 \\ - 474803 \\ \hline \end{array}$$

c) $35 \times 12 = \dots\dots\dots$

d) $156 \div 13 = \dots\dots\dots$

- 3) Find the H.C.F. and L.C.M. of 18 and 45.

Ans. H.C.F. = L.C.M. =

- 4) Draw $\triangle XYZ$ in which $XY = 5$ cm. , $m(\angle X) = 45^\circ$ and $m(\angle Y) = 45^\circ$, then:

a) Find : $m(\angle Z) = 180^\circ - (\dots\dots\dots^\circ + \dots\dots\dots^\circ) = \dots\dots\dots^\circ$

- b) What is the type of $\triangle XYZ$ according to the measures of its angles?

Ans. $\triangle XYZ$ is - angled triangle

- 5) A hotel contains 192 rooms divided equally by a number of floors , each floor contains 16 room.

How many floors are there in this hotel ?

Ans. The number of floors = \div = floors

Tests

Test 30

Luxor Governorate

Future L.S

1 Choose the correct answer:

- The geometric figure which its four sides are equal in length is called
(trapezium or parallelogram or rhombus or rectangle)
- The number 3 215 is divisible by (2 or 3 or 4 or 5)
- The perimeter of a square is 24 cm., then its side length is cm.
(12 or 8 or 7 or 6)
- H.C.F. for the two numbers 8 and 12 is
(2 or 4 or 20 or 24)
- The smallest odd prime number is (1 or 2 or 3 or 4)
- The place value of the digit 5 in the number 512 403 is
(ten thousands or hundred thousands or millions)
- The triangle whose side lengths are 3 cm. , 7 cm. and 5 cm. is
(a / an) triangle. (scalene or equilateral or isosceles)
- All angles are equal in measure in the
(parallelogram or rhombus or rectangle or trapezium)
- is divisible by 5 (210 or 69 or 313)
- 32 605 108 23 511 998 (< or > or =)
- is a common multiple for all numbers. (0 or 5 or 10)
- The triangle whose side lengths are 6 cm. , 4 cm. and 6 cm. is
(a / an) triangle. (scalene or equilateral or isosceles)
- The number is a prime number. (32 or 8 or 23)

2 Complete each of the following:

- A rectangle of dimensions 6 cm. and 4 cm., then its area = cm.²
- 2 metres , 45 centimetres = cm.
- The place value of 5 in the number 5 143 612 is

- 4) is a common factor of all numbers.
- 5) Twenty million , five hundred thirty-one thousand , seven hundred and eighty-six =
- 6) The **value** of the digit 7 in the number 6 217 254 is
- 7) The greatest number formed from 7 , 0 , 2 , 5 , 9 and 4 is
- 8) The number 3 milliard , 450 million , 473 thousand in digits is
- 9) The only even prime number is
- 10) $760\,843 - 254\,627 =$
- 11) $2\,500\text{ dm.} =$ m. 12) $3\text{ km.} =$ m.

3 Answer the following:

- 1) Complete using a suitable relation ($<$, $>$ or $=$) in each :

- a) 100 thousands one million
- b) 14×13 $520 \div 10$
- c) $339\,187 + 5\,421\,374$ $5\,760\,561$
- d) 2 metres 205 centimetres.
- e) $356\,705 + 3\,622\,195$ 8 millions
- f) 360 cm. 36 dm.
- g) The measure of the acute angle the measure of the right angle
- h) The number of sides of square the number of sides of hexagon

- 2) Find the result:

- a) $17\,620 + 5\,356 =$ b) $7\,256\,312 - 7\,056\,300 =$
- c) $267 \times 18 =$ d) $9\,180 \div 3 =$

- 3) A man has 8 720 pens. He sold the pens in packets of 20 pens each. Each packet was sold at 15 pounds. If he sold all the pens. How much money did he collect ?

Tests

- Ans.** The number of packets = \div = packets
 The total money he collected = \times = pounds

- 4) Find H.C.F. and L.C.M. of the numbers 28 and 42

- Ans.** H.C.F. = =
 L.C.M. = =

- 5) In the opposite figure:

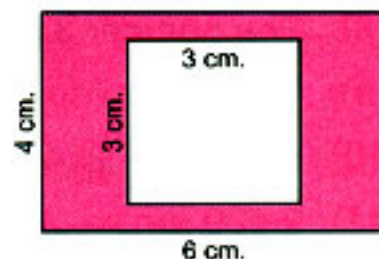
Find the area of the shaded part.

- Ans.** a) The area of the rectangle

= \times = cm^2

- b) The area of the square = \times = cm^2

- c) The area of the shaded part = - = cm^2



Test 31

Menia Governorate

Gizera L.S

1 Choose the correct answer:

- The measure of each angle of the equilateral triangle is
 (90° or 180° or 60°)
- The smallest odd prime number is
 (2 or 3 or 5 or 7 or 9)
- The number whose prime factors are 2, 3 and 5 is
 (30 or 15 or 10 or 20)
- The common factor of all the numbers is
 (0 or 1 or 2 or 3)
- The number is divisible by 3 (53 or 63 or 73 or 83)
- All the numbers are divisible by 2.
 (odd or even or prime)
- If the measures of two angles of a triangle are 62° and 81° , then the triangle is triangle.
 (an acute-angled or an obtuse-angled or a right-angled)

Tests

- 8) The perimeter of a rectangle whose dimensions are 8 cm. and 5 cm.
= cm. (40 or 26 or 64)
- 9) L.C.M. of 16 and 8 is (20 or 16 or 8)
- 10) Million is the smallest number formed from digits.
(six or nine or ten or seven)
- 11) 6 million , 4 thousand and 8 is written in digits as
(604 008 or 6 004 008 or 6 000 408 or 6 400 080)
- 12) is the common multiple for all numbers. (0 or 1 or 2 or 3)
- 13) is divisible by both 2 and 5. (205 or 502 or 225 or 250)

2 Complete each of the following:

- 1) The perimeter of the square whose side length is 5 cm. = cm.
- 2) The **place value** of the digit 5 in the number 35 008 476 is
- 3) A triangle whose sides are equal in length is called
- 4) The two diagonals are equal in length in and
- 5) The triangle whose side lengths are 4 cm. , 4 cm. and 5 cm. is called triangle.
- 6) The **value** of the digit 4 in the number 2 475 629 is
- 7) The **milliard** is the smallest number formed from digits.
- 8) 9 millions , 187 thousands and 35 =
- 9) is the smallest prime number.
- 10) A square of side length 5 cm. , its area = cm^2
- 11) The **value** of the digit 4 in the number 5 463 789 =
- 12) is the only even prime number.
- 13) The factors of 6 are , and
- 14) 105 is divisible by and
- 15) Perimeter of square = \times
- 16) The sum of the measures of the interior angles of any triangle = $^\circ$
- 17) 30 m. = dm.

Tests

3 Answer the following:

1) Put the suitable relation ($<$, $>$ or $=$):a) 3 milliards 1 961 580 601b) The measure of the obtuse angle the measure of the right anglec) Number of sides of a square number of sides of a rhombus

2) Find the result:

a) $8\,253\,467 - 568\,965 =$ b) $4\,321\,596 + 2\,751\,231 =$ c) $463 \times 26 =$ d) $725 \div 25 =$ e) $708 \times 58 =$ f) $645 \div 15 =$

3) Find H.C.F. and L.C.M. for 14 and 35

Ans. H.C.F. =

L.C.M. =

4) Draw the triangle ABC in which $AB = BC = 5$ cm. and $m(\angle B) = 60^\circ$, then find:a) The length of \overline{AC} Ans. $AC =$ cm.b) The perimeter of the triangle ABC = $\times 3 =$ cm.

c) The type of the triangle ABC according to its side lengths.

Ans. $\triangle ABC$ is triangle

Test 32

W.Gadid Governorate

Horreya L.S

1 Choose the correct answer:

1) Million is the smallest number formed from digits.

(six or nine or ten or seven)

2) One hundred thousand , four hundred and sixty-seven =

(10 476 or 100 467 or 100 647 or 1 467)

3) The numbers 2 , 3 , 5 and 7 are called numbers.

(prime or odd or even or all of them)

Tests

- 4) The number is divisible by 5 and 3 (25 or 27 or 15 or 100)
- 5) The number of sides of any polygon does not equal to the number of its (diagonals or angles or vertices)
- 6) The smallest prime number is (1 or 2 or 3 or 5)
- 7) The number is the common multiple of all numbers. (0 or 2 or 3 or 1)
- 8) The number is divisible by 3 (28 or 13 or 17 or 24)
- 9) A rectangle whose dimensions are 7 cm. and 3 cm. , its perimeter = cm. (7 or 17 or 20 or 40)
- 10) All the numbers are divisible by 2 (even or odd or prime)
- 11) The greatest number formed from 3 , 5 , 1 , 2 and 9 is (93 251 or 95 321 or 59 321)
- 12) is divisible by 2 , 3 and 5 (155 or 540 or 250)
- 13) A rectangle of dimensions 7 cm. and 4 cm. , its area = cm.² (11 or 22 or 28)

2 Complete each of the following:

- 1) The sum of the measures of the interior angles of a triangle =°
- 2) The number whose prime factors are 2 , 2 and 5 is
- 3) L.C.M. of 2 and 5 is
- 4) The perimeter of a square of side length 5 cm. = cm.
- 5) The **value** of the digit 4 in the number 5 467 813 is
- 6) The factors of the number 15 are , and
- 7) $4 \times 765 \times 25 = \dots\dots\dots$
- 8) The diagonals of the parallelogram each other.
- 9) 59 millions , 42 thousands , 63 =
- 10) The prime number has only different factors.
- 11) The length of the side of the square whose perimeter is 36 cm. = cm.

Tests

- 12) In $\triangle ABC$, $m(\angle A) = 60^\circ$ and $m(\angle B) = 70^\circ$, then $m(\angle C)$ =
- 13) Nine million, seven hundred thousand, three hundred and four =
- 14) The **place value** of the digit 8 in 85 492 307 is
- 15) The number is divisible by 5 if its units digit is or
- 16) H.C.F. for 4 and 6 is

3 Answer the following:

نفوقه في أي عمل عليه العلامة دي

- 1) Put the suitable relation ($<$, $>$ or $=$):
- a) $540 \div 9$ $(54 \div 9) \times 10$ b) 3×12 $80 \div 2$
- c) 6 km. 600 m. d) 5 milliard 1 912 875 643
- e) 8 dm. 800 cm. f) 7×16 112
- g) Number of sides of pentagon number of sides of hexagon
- 2) a) Nada bought 26 metres of cloth for L.E. 286.
Find the price of the meter of the cloth.
Ans. The price of the meter = \div = L.E.
- b) Find L.C.M. for the two numbers 8 and 24
Ans. L.C.M. =
- 3) Which is **greater**, the area of the square of side length 6 cm. or the area of the rectangle whose dimensions are 7 cm. and 5 cm.?
Ans. The area of the square =
The area of the rectangle =
So, The area of the $>$ The area of
- 4) Draw $\triangle XYZ$ in which $XY = 5$ cm. and $m(\angle X) = m(\angle Y) = 45^\circ$, then:
- a) What is the type of the triangle according to the measures of its angles? **Ans.** $\triangle XYZ$ is-angled triangle
- b) What is the type of the triangle according to its side lengths? **Ans.** $\triangle XYZ$ is an triangle